

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

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TestAmerica Job ID: 480-55387-1

Client Project/Site: Glen Isle: Data Gap Field Program

For:

Posillico Consulting

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Table of Contents

|                              |     |
|------------------------------|-----|
| Cover Page .....             | 1   |
| Table of Contents .....      | 2   |
| Definitions/Glossary .....   | 3   |
| Case Narrative .....         | 5   |
| Detection Summary .....      | 9   |
| Client Sample Results .....  | 41  |
| Surrogate Summary .....      | 165 |
| QC Sample Results .....      | 169 |
| QC Association Summary ..... | 208 |
| Lab Chronicle .....          | 222 |
| Certification Summary .....  | 237 |
| Method Summary .....         | 238 |
| Sample Summary .....         | 239 |
| Chain of Custody .....       | 240 |
| Receipt Checklists .....     | 244 |

## Definitions/Glossary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description  |
|-----------|--|
| U         | Indicates the analyte was analyzed for but not detected.   |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| *         | LCS or LCSD exceeds the control limits   |
| F1        | MS and/or MSD Recovery exceeds the control limits  |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description  |
|-----------|--|
| U         | Indicates the analyte was analyzed for but not detected.   |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| *         | LCS or LCSD exceeds the control limits   |
| F1        | MS and/or MSD Recovery exceeds the control limits  |
| F2        | MS/MSD RPD exceeds control limits  |
| B         | Compound was found in the blank and sample.  |
| *         | ISTD response or retention time outside acceptable limits  |
| X         | Surrogate is outside control limits  |

#### GC Semi VOA

| Qualifier | Qualifier Description  |
|-----------|--|
| U         | Indicates the analyte was analyzed for but not detected.   |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| X         | Surrogate is outside control limits  |
| B         | Compound was found in the blank and sample.  |
| F1        | MS and/or MSD Recovery exceeds the control limits  |
| F2        | MS/MSD RPD exceeds control limits  |

#### Metals

| Qualifier | Qualifier Description   |
|-----------|---|
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.  |
| ^         | ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.  |
| B         | Compound was found in the blank and sample.   |
| U         | Indicates the analyte was analyzed for but not detected.  |
| F1        | MS and/or MSD Recovery exceeds the control limits   |
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F2        | MS/MSD RPD exceeds control limits   |

### Glossary

#### Abbreviation

These commonly used abbreviations may or may not be present in this report.

|                |   |
|----------------|---|
| □              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CNF            | Contains no Free Liquid   |
| DER            | Duplicate error ratio (normalized absolute difference)  |
| Dil Fac        | Dilution Factor   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision level concentration  |
| MDA            | Minimum detectable activity   |
| EDL            | Estimated Detection Limit   |
| MDC            | Minimum detectable concentration  |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| NC             | Not Calculated  |
| ND             | Not detected at the reporting limit (or MDL or EDL if shown)  |

## Definitions/Glossary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report.          |
|--------------|--|
| PQL          | Practical Quantitation Limit   |
| QC           | Quality Control  |
| RER          | Relative error ratio   |
| RL           | Reporting Limit or Requested Limit (Radiochemistry)                                  |
| RPD          | Relative Percent Difference, a measure of the relative difference between two points |
| TEF          | Toxicity Equivalent Factor (Dioxin)  |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)  |

## Case Narrative

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Job ID: 480-55387-1

#### Laboratory: TestAmerica Buffalo

##### Narrative

##### Job Narrative 480-55387-1

##### Comments

No additional comments.

##### Receipt

The samples were received on 3/1/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.8° C and 4.0° C.

##### GC/MS VOA

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) for batch 168183 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria. (CCVIS 480-168183/4)

Method(s) 8260C: The laboratory control sample (LCS) for batch 168183 recovered outside control limits for the following analytes, high: cis-1,3-Dichloropropene. This analyte was biased high in the LCS and was not detected in the associated samples nor was it a requested spike analyte; therefore, the data have been reported. (LCS 480-168183/6), (LCSD 480-168183/7)

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) for batch 168185 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) for batch 168268 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

No other analytical or quality issues were noted.

##### GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 168360 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-168360/4).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 168599 recovered outside control limits for the following analyte: Caprolactam. This method allows for four analytes to recover outside of the control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: LT-T-001-0-2 (480-55387-1), LT-T-002-0-2 (480-55387-4), LT-T-002-2-4 (480-55387-5). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: LT-T-003-0-2 (480-55387-10), LT-T-005-0-2 (480-55387-16). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: LT-T-009-0-2 (480-55387-37). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: LT-T-009-4-6 (480-55387-38). These results have been reported and qualified.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: LT-T-009-4-6 (480-55387-38). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) for analytical batch 168928 recovered outside control limits for multiple

## Case Narrative

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Job ID: 480-55387-1 (Continued)

#### Laboratory: TestAmerica Buffalo (Continued)

analytes. These analytes were within acceptable limits in the low level calibration verification (CCVL), therefore the data have been qualified and reported.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 168716 recovered outside control limits for two analytes. Four analytes are allowed outside limits when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: LT-T-006-4-6 (480-55387-20), LT-T-006-4-6 MS (480-55387-20 MS), LT-T-006-4-6 MSD (480-55387-20 MSD). As such, surrogate recoveries are below the calibrator range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: LT-T-008-0-2 (480-55387-22), LT-T-010-0-2 (480-55387-31), LT-T-010-2-4 (480-55387-32), LT-T-011-0-2 (480-55387-34). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: LT-T-011-2-4 (480-55387-35). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: Internal standard responses were outside of acceptance limits for the following samples: LT-T-011-2-4 (480-55387-35), LT-T-011-6.5-8 (480-55387-36). The samples shows evidence of matrix interference.

Method(s) 8270D: The method blank MB 480-168313/1-A contained the analytes Benzaldehyde and Di-n-butyl phthalate above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

#### GC Semi VOA

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix : LT-T-003-10-12 (480-55387-12). As such, surrogate recoveries are below the calibrator range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following sample and matrix spikes were diluted due to matrix effects: LT-T-004-10-12 (480-55387-9), LT-T-004-10-12 MS (480-55387-9 MS), LT-T-004-10-12 MSD (480-55387-9 MSD). Spike and Surrogate recoveries are not reported or not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: LT-T-001-0-2 (480-55387-1). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix : LT-T-001-10-12 (480-55387-3), LT-T-002-0-2 (480-55387-4), LT-T-002-2-4 (480-55387-5), LT-T-003-0-2 (480-55387-10), LT-T-003-6-8 (480-55387-11), LT-T-004-0-2 (480-55387-7), LT-T-004-4-6 (480-55387-8), LT-T-005-0-2 (480-55387-16), LT-T-005-16-19 (480-55387-18), LT-T-005-4-6 (480-55387-17), LT-T-006-0-2 (480-55387-19), LT-T-007-0-2 (480-55387-13), LT-T-007-14-16 (480-55387-15), LT-T-007-6-8 (480-55387-14). As such, surrogate recoveries are below the calibrator range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The continuing calibration verification (CCV) associated with batch168812 recovered above the upper control limit for Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-168812/21).

Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix : DUP036 (480-55387-26), LT-T-006-12-14 (480-55387-21), LT-T-008-0-2 (480-55387-22), LT-T-008-14-16 (480-55387-24), LT-T-008-6-8 (480-55387-23), LT-T-009-0-2 (480-55387-37), LT-T-009-4-6 (480-55387-38), LT-T-010-0-2 (480-55387-31), LT-T-010-2-4 (480-55387-32), LT-T-011-0-2 (480-55387-34), LT-T-011-2-4 (480-55387-35), LT-T-012-0-2 (480-55387-27), LT-T-012-4-6 (480-55387-29). As such, surrogate recoveries are below the calibrator range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following sample and matrix spikes were diluted due to matrix effects: LT-T-006-4-6 (480-55387-20), LT-T-006-4-6

## Case Narrative

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Job ID: 480-55387-1 (Continued)

#### Laboratory: TestAmerica Buffalo (Continued)

MS (480-55387-20 MS), LT-T-006-4-6 MSD (480-55387-20 MSD). Spike and Surrogate recoveries are not reported or not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The method blank MB 480-168567/1-A contained multiple analytes above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081B: The method blank MB 480-168593/1-A contained the analyte delta-BHC above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081B: The method blank MB 480-168815/1-A contained multiple analytes above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081B: All primary data is reported from the RTX-CLPII column.

Method(s) 8081B: Surrogate recovery for the following sample(s) was outside control limits: LT-T-001-0-2 (480-55387-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

#### Metals

Method(s) 6010C: The Interference Check Standard solution (ICSA 480-168651/9) associated with the following samples showed results for total barium at a level greater than 2X the reporting limit. The solution contains trace impurities of this element, and the results are not due to any matrix interference: (LCS 480-168200/2-A), (MB 480-168200/1-A), FB033 (480-55387-30)

Method(s) 6010C: The Method Blank for batch 480-168262 contained total manganese and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples LT-T-001-0-2 (480-55387-1), LT-T-001-10-12 (480-55387-3), LT-T-001-8-10 (480-55387-2), LT-T-002-0-2 (480-55387-4), LT-T-002-12-14 (480-55387-6), LT-T-002-2-4 (480-55387-5), LT-T-003-0-2 (480-55387-10), LT-T-003-10-12 (480-55387-12), LT-T-003-6-8 (480-55387-11), LT-T-004-0-2 (480-55387-7), LT-T-004-10-12 (480-55387-9), LT-T-004-4-6 (480-55387-8), LT-T-007-0-2 (480-55387-13) was not performed.

Method(s) 6010C: The Interference Check Standard solution (ICSA 480-168641/9) associated with the following samples showed results for total barium at a level greater than 2X the reporting limit. The solution contains trace impurities of this element, and the results are not due to any matrix interference: (480-55387-9 PDS), (480-55387-9 SD), (LCSSRM 480-168262/2-), (MB 480-168262/1-A), LT-T-001-0-2 (480-55387-1), LT-T-001-10-12 (480-55387-3), LT-T-001-8-10 (480-55387-2), LT-T-002-0-2 (480-55387-4), LT-T-002-12-14 (480-55387-6), LT-T-002-2-4 (480-55387-5), LT-T-003-0-2 (480-55387-10), LT-T-003-10-12 (480-55387-12), LT-T-003-6-8 (480-55387-11), LT-T-004-0-2 (480-55387-7), LT-T-004-10-12 (480-55387-9), LT-T-004-10-12 MS (480-55387-9 MS), LT-T-004-10-12 MSD (480-55387-9 MSD), LT-T-004-4-6 (480-55387-8), LT-T-007-0-2 (480-55387-13)

Method(s) 6010C: The Method Blank for batch 480-168484 contained total iron and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples LT-T-009-0-2 (480-55387-37), LT-T-009-12-14 (480-55387-39), LT-T-009-4-6 (480-55387-38), LT-T-011-2-4 (480-55387-35), LT-T-011-6.5-8 (480-55387-36) was not performed.

Method(s) 6010C: The recoveries of Post Spike, (480-55387-35 PDS), in batch 480-168484 exhibited results outside the quality control limits for total calcium, iron, and manganese. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary

Method(s) 6010C: The Method Blank for batch 480-168482 contained total iron and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples LT-T-005-0-2 (480-55387-16), LT-T-005-16-19 (480-55387-18), LT-T-005-4-6 (480-55387-17), LT-T-006-0-2 (480-55387-19), LT-T-007-14-16 (480-55387-15), LT-T-007-6-8 (480-55387-14) was not performed.

Method(s) 6010C: The Method Blank for batch 480-168482 contained total iron and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples DUP035

## Case Narrative

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Job ID: 480-55387-1 (Continued)

#### Laboratory: TestAmerica Buffalo (Continued)

(480-55387-25), DUP036 (480-55387-26), LT-T-006-12-14 (480-55387-21), LT-T-006-4-6 (480-55387-20), LT-T-008-0-2 (480-55387-22), LT-T-008-14-16 (480-55387-24), LT-T-008-6-8 (480-55387-23), LT-T-010-0-2 (480-55387-31), LT-T-010-2-4 (480-55387-32), LT-T-010-7-8.5 (480-55387-33), LT-T-011-0-2 (480-55387-34), LT-T-012-0-2 (480-55387-27), LT-T-012-2-4 (480-55387-28), LT-T-012-4-6 (480-55387-29) was not performed.

Method(s) 6010C: The Serial Dilution (480-55387-20 SD) in batch 480-168482, exhibited results outside the quality control limits for total chromium and zinc. However, the Post Digestion Spike was compliant so no corrective action was necessary

Method(s) 6010C: The recoveries of Post Spike, (480-55387-20 PDS), in batch 480-168482 exhibited results outside the quality control limits for total iron, magnesium, and manganese. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary

Method(s) 6010C: The Method Blank for batch 480-168987 contained iron above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples LT-T-001-0-2 (480-55387-1), LT-T-001-10-12 (480-55387-3), LT-T-001-8-10 (480-55387-2), LT-T-002-0-2 (480-55387-4), LT-T-002-12-14 (480-55387-6), LT-T-002-2-4 (480-55387-5), LT-T-003-0-2 (480-55387-10), LT-T-003-10-12 (480-55387-12), LT-T-003-6-8 (480-55387-11), LT-T-004-0-2 (480-55387-7), LT-T-004-10-12 (480-55387-9), LT-T-004-4-6 (480-55387-8), LT-T-007-0-2 (480-55387-13) was not performed.

Method(s) 6010C: The recovery of Post Spike, (480-55387-9 PDS), associated with batch 480-168987, exhibited results outside quality control limits for iron. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary.

Method(s) 6010C: The following sample(s) was diluted to bring the concentration of target analyte total iron within the calibration range: LT-T-004-0-2 (480-55387-7). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

#### Organic Prep

Method(s) 3550C: The following samples required a Florisil clean-up, via 3620C, to reduce matrix interferences: LT-T-001-0-2 (480-55387-1), LT-T-001-10-12 (480-55387-3), LT-T-001-8-10 (480-55387-2), LT-T-002-0-2 (480-55387-4), LT-T-002-12-14 (480-55387-6), LT-T-002-2-4 (480-55387-5), LT-T-003-0-2 (480-55387-10), LT-T-003-6-8 (480-55387-11), LT-T-004-0-2 (480-55387-7), LT-T-004-10-12 (480-55387-9), LT-T-004-10-12 MS (480-55387-9 MS), LT-T-004-10-12 MSD (480-55387-9 MSD), LT-T-004-4-6 (480-55387-8), LT-T-005-0-2 (480-55387-16), LT-T-005-16-19 (480-55387-18), LT-T-005-4-6 (480-55387-17), LT-T-006-0-2 (480-55387-19), LT-T-007-0-2 (480-55387-13), LT-T-007-14-16 (480-55387-15), LT-T-007-6-8 (480-55387-14).

Method(s) 3550C: The following samples required a Florisil clean-up, via 3620C, to reduce matrix interferences: DUP036 (480-55387-26), LT-T-006-12-14 (480-55387-21), LT-T-006-4-6 (480-55387-20), LT-T-006-4-6 MS (480-55387-20 MS), LT-T-006-4-6 MSD (480-55387-20 MSD), LT-T-008-0-2 (480-55387-22), LT-T-008-14-16 (480-55387-24), LT-T-008-6-8 (480-55387-23), LT-T-009-0-2 (480-55387-37), LT-T-009-4-6 (480-55387-38), LT-T-010-0-2 (480-55387-31), LT-T-010-2-4 (480-55387-32), LT-T-011-0-2 (480-55387-34), LT-T-011-2-4 (480-55387-35), LT-T-012-0-2 (480-55387-27), LT-T-012-4-6 (480-55387-29).

No other analytical or quality issues were noted.

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-0-2**

**Lab Sample ID: 480-55387-1**

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 42     | J         | 960   | 12     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 130    | J         | 960   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 64     | J         | 960   | 7.8    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Acetophenone           | 66     | J         | 960   | 49     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 320    | J         | 960   | 24     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 1400   |           | 960   | 16     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 1200   |           | 960   | 23     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 1700   |           | 960   | 19     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 680    | J         | 960   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 710    | J         | 960   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 150    | J         | 960   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 1500   |           | 960   | 9.5    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 56     | J         | 960   | 9.9    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Dimethyl phthalate     | 180    | J         | 960   | 25     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 2500   |           | 960   | 14     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 91     | J         | 960   | 22     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 570    | J         | 960   | 26     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 52     | J         | 960   | 16     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 1400   |           | 960   | 20     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 2400   |           | 960   | 6.2    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 3.7    | J         | 9.5   | 1.4    | ug/Kg | 5       | ⊗ | 8081B  | Total/NA  |
| Dieldrin               | 6.2    | J         | 9.5   | 2.3    | ug/Kg | 5       | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 5.3    | J         | 9.5   | 3.0    | ug/Kg | 5       | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 2.5    | J         | 9.5   | 1.3    | ug/Kg | 5       | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5760   |           | 59.5  | 5.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 5.4    | J         | 89.2  | 0.48   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 30.3   |           | 11.9  | 0.48   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 176    | ^         | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.25   | J         | 1.2   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 3.5    |           | 1.2   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 14900  |           | 297   | 3.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 68.4   |           | 2.9   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 48.0   |           | 3.0   | 0.059  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 192    |           | 5.9   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 28300  | B         | 58.3  | 1.3    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 242    |           | 5.9   | 0.29   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 7520   |           | 119   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 326    | B         | 1.2   | 0.038  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 40.9   |           | 29.1  | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 709    |           | 178   | 23.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 39.2   |           | 23.8  | 0.48   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 6.1    |           | 3.0   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 133    | J         | 833   | 15.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 17.0   |           | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 490    | B         | 11.9  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.37   |           | 0.023 | 0.0094 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-001-8-10**

**Lab Sample ID: 480-55387-2**

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-001-8-10 (Continued)

## Lab Sample ID: 480-55387-2

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 16     | J         | 390  | 4.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 180    | J         | 390  | 4.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 140    | J         | 390  | 9.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 210    | J         | 390  | 6.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 210    | J         | 390  | 9.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 220    | J         | 390  | 7.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 170    | J         | 390  | 4.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 120    | J         | 390  | 4.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 190    | J         | 390  | 3.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 35     | J         | 390  | 4.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 140    | J         | 390  | 4.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 510    |           | 390  | 5.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 160    | J         | 390  | 8.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 140    | J         | 390  | 11    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 23     | J         | 390  | 6.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 250    | J         | 390  | 8.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 470    |           | 390  | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 1.7    | J         | 3.8  | 0.57  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 1.4    | J B       | 3.8  | 0.38  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 0.93   | J B       | 3.8  | 0.50  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Endrin ketone          | 1.3    | J         | 3.8  | 0.93  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| gamma-BHC (Lindane)    | 1.1    | J         | 3.8  | 0.47  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 1.8    | J         | 3.8  | 0.52  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 9770   |           | 127  | 11.1  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 11.3   | J         | 25.3 | 1.0   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 41.2   | ^         | 6.3  | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.19   | J         | 2.5  | 0.071 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.34   | J         | 2.5  | 0.076 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1510   |           | 633  | 8.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 23.2   |           | 6.0  | 0.48  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.2    | J         | 6.3  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 8.2    | J         | 12.7 | 0.53  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 12500  | B         | 119  | 2.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 15.9   |           | 12.7 | 0.61  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 3340   |           | 253  | 2.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 93.6   | B         | 2.5  | 0.081 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 15.9   | J         | 59.7 | 0.55  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 2040   |           | 380  | 50.7  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 9.0    | J         | 50.7 | 1.0   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 3020   |           | 1770 | 32.9  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 21.5   |           | 6.3  | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 38.8   | B         | 25.3 | 0.39  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

## Client Sample ID: LT-T-001-10-12

## Lab Sample ID: 480-55387-3

| Analyte          | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Acetone          | 23     | J         | 32  | 5.4 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide | 6.6    |           | 6.5 | 3.2 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| 2-Methylphenol   | 63     | J         | 230 | 6.9 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4-Methylphenol   | 13     | J         | 440 | 13  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-10-12 (Continued)**

**Lab Sample ID: 480-55387-3**

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Acenaphthene           | 24     | J         | 230   | 2.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 46     | J         | 230   | 5.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 100    | J         | 230   | 3.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 100    | J         | 230   | 5.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 100    | J         | 230   | 4.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 80     | J         | 230   | 2.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 59     | J         | 230   | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 110    | J         | 230   | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 25     | J         | 230   | 2.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 14     | J         | 230   | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 290    |           | 230   | 3.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 24     | J         | 230   | 5.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 65     | J         | 230   | 6.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 130    | J         | 230   | 4.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 290    |           | 230   | 1.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Aluminum               | 5170   |           | 68.3  | 6.0   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.81   | J         | 102   | 0.55  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 7.9    | J         | 13.7  | 0.55  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 22.1   | ^         | 3.4   | 0.15  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.14   | J         | 1.4   | 0.038 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.56   | J         | 1.4   | 0.041 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 3730   |           | 342   | 4.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 17.4   |           | 3.6   | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 3.0    | J         | 3.4   | 0.068 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 10.4   |           | 6.8   | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 9910   | B         | 71.8  | 1.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 11.4   |           | 6.8   | 0.33  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 1720   |           | 137   | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 60.9   | B         | 1.4   | 0.044 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 8.5    | J         | 35.9  | 0.33  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 867    |           | 205   | 27.3  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 8.7    | J         | 27.3  | 0.55  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 1010   |           | 956   | 17.8  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 11.9   |           | 3.4   | 0.15  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 138    | B         | 13.7  | 0.21  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.047  |           | 0.025 | 0.010 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-002-0-2**

**Lab Sample ID: 480-55387-4**

| Analyte              | Result | Qualifier | RL   | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-----|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene  | 110    | J         | 1900 | 23  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Anthracene           | 120    | J         | 1900 | 49  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene   | 620    | J         | 1900 | 33  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene       | 590    | J         | 1900 | 46  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene | 810    | J         | 1900 | 37  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene | 320    | J         | 1900 | 23  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene | 460    | J         | 1900 | 21  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Carbazole            | 73     | J         | 1900 | 22  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Chrysene             | 700    | J         | 1900 | 19  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene         | 1100   | J         | 1900 | 28  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-002-0-2 (Continued)

## Lab Sample ID: 480-55387-4

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Indeno[1,2,3-cd]pyrene | 280    | J         | 1900  | 53     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 590    | J         | 1900  | 40     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 1000   | J         | 1900  | 12     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 27     | J         | 94    | 14     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 51     | J B       | 94    | 9.6    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 56     | J         | 94    | 30     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 7650   |           | 56.2  | 4.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.89   | J         | 84.3  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 10.5   | J         | 11.2  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 58.6   | ^         | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.30   | J         | 1.1   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.76   | J         | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 7890   |           | 281   | 3.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 15.8   |           | 3.0   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.1    |           | 2.8   | 0.056  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 37.1   |           | 5.6   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 15300  | B         | 59.9  | 1.3    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 73.1   |           | 5.6   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 4080   |           | 112   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 314    | B         | 1.1   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 12.8   | J         | 30.0  | 0.28   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 806    |           | 169   | 22.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 2.8    | J         | 22.5  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 2.0    | J         | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 93.9   | J         | 787   | 14.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 19.4   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 68.2   | B         | 11.2  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.080  |           | 0.021 | 0.0087 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-002-2-4

## Lab Sample ID: 480-55387-5

| Analyte                | Result | Qualifier | RL   | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-----|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 77     | J         | 1900 | 22  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 260    | J         | 1900 | 22  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 840    | J         | 1900 | 47  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 2400   |           | 1900 | 32  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 1900   |           | 1900 | 44  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 2700   |           | 1900 | 36  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 690    | J         | 1900 | 22  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 910    | J         | 1900 | 20  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 200    | J         | 1900 | 21  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 2400   |           | 1900 | 18  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Di-n-octyl phthalate   | 59     | J         | 1900 | 43  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 110    | J         | 1900 | 19  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 4700   |           | 1900 | 27  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 260    | J         | 1900 | 43  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 600    | J         | 1900 | 51  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 95     | J         | 1900 | 31  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 4300   |           | 1900 | 39  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 4900   |           | 1900 | 12  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-2-4 (Continued)**

**Lab Sample ID: 480-55387-5**

| Analyte         | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 4,4'-DDD        | 19     | J         | 92    | 18     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDE        | 33     | J         | 92    | 14     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT        | 40     | J B       | 92    | 9.3    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| delta-BHC       | 23     | J B       | 92    | 12     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane | 30     | J         | 92    | 29     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum        | 4770   |           | 53.2  | 4.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony        | 2.2    | J         | 79.8  | 0.43   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic         | 19.8   |           | 10.6  | 0.43   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium          | 48.4   | ^         | 2.7   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium       | 0.21   | J         | 1.1   | 0.030  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium         | 1.4    |           | 1.1   | 0.032  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium         | 13300  |           | 266   | 3.5    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium        | 15.7   |           | 3.0   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt          | 12.7   |           | 2.7   | 0.053  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper          | 69.5   |           | 5.3   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron            | 10300  | B         | 60.6  | 1.3    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead            | 106    |           | 5.3   | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium       | 3810   |           | 106   | 0.99   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese       | 195    | B         | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel          | 13.7   | J         | 30.3  | 0.28   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium       | 663    |           | 160   | 21.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium        | 8.6    | J         | 21.3  | 0.43   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver          | 2.9    |           | 2.7   | 0.21   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium          | 149    | J         | 745   | 13.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium        | 16.3   |           | 2.7   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc            | 97.3   | B         | 10.6  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury         | 0.11   |           | 0.021 | 0.0084 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-002-12-14**

**Lab Sample ID: 480-55387-6**

| Analyte                | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Acetone                | 8.8    | J         | 29   | 4.9  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Acenaphthene           | 7.0    | J         | 210  | 2.5  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 42     | J         | 210  | 5.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 18     | J         | 210  | 3.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 10     | J         | 210  | 5.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 12     | J         | 210  | 4.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 11     | J         | 210  | 2.5  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 7.0    | J         | 210  | 2.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 14     | J         | 210  | 2.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 49     | J         | 210  | 3.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 20     | J         | 210  | 4.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 9.4    | J         | 210  | 5.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 86     | J         | 210  | 4.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 38     | J         | 210  | 1.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 0.69   | J         | 2.1  | 0.31 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.83   | J         | 2.1  | 0.21 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 0.64   | J B       | 2.1  | 0.28 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 0.64   | J         | 2.1  | 0.29 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 6140   |           | 62.2 | 5.5  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-002-12-14 (Continued)

## Lab Sample ID: 480-55387-6

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Arsenic   | 3.1    | J         | 12.4 | 0.50  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium    | 13.5   | ^         | 3.1  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium | 0.20   | J         | 1.2  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium   | 0.12   | J         | 1.2  | 0.037 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium   | 311    |           | 311  | 4.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium  | 14.2   |           | 3.4  | 0.27  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt    | 3.7    |           | 3.1  | 0.062 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper    | 11.6   |           | 6.2  | 0.26  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 9550   | B         | 67.2 | 1.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead      | 7.0    |           | 6.2  | 0.30  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 1680   |           | 124  | 1.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 81.2   | B         | 1.2  | 0.040 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 8.4    | J         | 33.6 | 0.31  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 1210   |           | 187  | 24.9  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 2.1    | J         | 24.9 | 0.50  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 567    | J         | 871  | 16.2  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 22.1   |           | 3.1  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 26.9   | B         | 12.4 | 0.19  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

## Client Sample ID: LT-T-004-0-2

## Lab Sample ID: 480-55387-7

| Analyte                | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 11     | J         | 190  | 2.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 9.0    | J         | 190  | 2.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 29     | J         | 190  | 1.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acetophenone           | 32     | J         | 190  | 9.8  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 56     | J         | 190  | 4.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 570    |           | 190  | 3.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 620    |           | 190  | 4.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 950    |           | 190  | 3.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 320    |           | 190  | 2.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 330    |           | 190  | 2.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 23     | J         | 190  | 2.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 640    |           | 190  | 1.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 94     | J         | 190  | 2.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 5.6    | J         | 190  | 2.0  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 760    |           | 190  | 2.8  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 280    |           | 190  | 5.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 14     | J         | 190  | 3.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 230    |           | 190  | 4.0  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 690    |           | 190  | 1.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 26     | J         | 95   | 14   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 54     | J B       | 95   | 9.6  | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 24     | J B       | 95   | 12   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Dieldrin               | 33     | J         | 95   | 23   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 30     | J         | 95   | 30   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 65     | J         | 95   | 13   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 7360   |           | 59.9 | 5.3  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 58.7   | J         | 89.8 | 0.48 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 60.8   |           | 12.0 | 0.48 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-004-0-2 (Continued)

## Lab Sample ID: 480-55387-7

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Barium    | 56.6   | ^         | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium | 0.30   | J         | 1.2   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium   | 3.7    |           | 1.2   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium   | 2540   |           | 299   | 4.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium  | 13.5   |           | 2.9   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt    | 9.9    |           | 3.0   | 0.060  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper    | 77.7   |           | 6.0   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 89800  | B         | 291   | 6.4    | mg/Kg | 5       | ⊗ | 6010C  | Total/NA  |
| Lead      | 91.4   |           | 6.0   | 0.29   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 2790   |           | 120   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 2040   | B         | 1.2   | 0.038  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 23.1   | J         | 29.1  | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 1050   |           | 180   | 24.0   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 5.4    | J         | 24.0  | 0.48   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver    | 1.5    | J         | 3.0   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 93.6   | J         | 838   | 15.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 18.1   |           | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 219    | B         | 12.0  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.43   |           | 0.021 | 0.0086 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-004-4-6

## Lab Sample ID: 480-55387-8

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Acenaphthene           | 12     | J         | 200  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 21     | J         | 200  | 1.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 42     | J         | 200  | 5.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 240    |           | 200  | 3.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 230    |           | 200  | 4.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 330    |           | 200  | 3.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 140    | J         | 200  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 110    | J         | 200  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 16     | J         | 200  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 270    |           | 200  | 2.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 43     | J         | 200  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 6.8    | J         | 200  | 2.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 380    |           | 200  | 2.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 9.8    | J         | 200  | 4.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 120    | J         | 200  | 5.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 210    |           | 200  | 4.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 400    |           | 200  | 1.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT               | 14     | J B       | 40   | 4.1   | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 6360   |           | 59.0 | 5.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 10.2   | J         | 88.5 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 27.1   |           | 11.8 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 39.2   | ^         | 3.0  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.23   | J         | 1.2  | 0.033 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 1.1    | J         | 1.2  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1460   |           | 295  | 3.9   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 10.9   |           | 3.2  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 3.7    |           | 3.0  | 0.059 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-4-6 (Continued)**

**Lab Sample ID: 480-55387-8**

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Copper    | 33.3   |           | 5.9   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 12400  | B         | 63.5  | 1.4    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead      | 339    |           | 5.9   | 0.28   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 1610   |           | 118   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 745    | B         | 1.2   | 0.038  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 6.4    | J         | 31.7  | 0.29   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 773    |           | 177   | 23.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 3.1    | J         | 23.6  | 0.47   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver    | 0.54   | J         | 3.0   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 263    | J         | 826   | 15.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 14.8   |           | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 104    | B         | 11.8  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.070  |           | 0.023 | 0.0091 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-004-10-12**

**Lab Sample ID: 480-55387-9**

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Acetone                | 30     |           | 24   | 4.1   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| 2-Methylnaphthalene    | 5.2    | J         | 210  | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 14     | J         | 210  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 17     | J         | 210  | 5.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 100    | J         | 210  | 3.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 92     | J         | 210  | 5.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 100    | J         | 210  | 4.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 57     | J         | 210  | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 63     | J         | 210  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 6.2    | J         | 210  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 100    | J         | 210  | 2.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 34     | J         | 210  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Di-n-octyl phthalate   | 23     | J         | 210  | 4.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 100    | J         | 210  | 3.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 8.9    | J         | 210  | 4.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 53     | J         | 210  | 5.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 52     | J         | 210  | 4.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 100    | J         | 210  | 1.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT               | 14     | J B       | 41   | 4.2   | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 9.3    | J B       | 41   | 5.4   | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5800   |           | 64.4 | 5.7   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.93   | J         | 96.5 | 0.51  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 4.3    | J         | 12.9 | 0.51  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 24.8   | ^         | 3.2  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.24   | J         | 1.3  | 0.036 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.17   | J         | 1.3  | 0.039 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1430   |           | 322  | 4.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 12.0   |           | 3.2  | 0.26  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 3.7    |           | 3.2  | 0.064 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 8.6    |           | 6.4  | 0.27  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 12300  | B         | 64.6 | 1.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 29.7   |           | 6.4  | 0.31  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 1770   |           | 129  | 1.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-10-12 (Continued)**

**Lab Sample ID: 480-55387-9**

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Manganese | 217    | B         | 1.3   | 0.041 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 7.2    | J         | 32.3  | 0.30  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 1030   |           | 193   | 25.7  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 0.98   | J         | 25.7  | 0.51  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 596    | J         | 901   | 16.7  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 16.4   |           | 3.2   | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 28.7   | B         | 12.9  | 0.20  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.059  |           | 0.025 | 0.010 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-003-0-2**

**Lab Sample ID: 480-55387-10**

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 35     | J         | 880  | 11    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 260    | J         | 880  | 10    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 44     | J         | 880  | 7.2   | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 590    | J         | 880  | 22    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 1400   |           | 880  | 15    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 1500   |           | 880  | 21    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 1900   |           | 880  | 17    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 570    | J         | 880  | 10    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 830    | J         | 880  | 9.6   | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 99     | J         | 880  | 10    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 1500   |           | 880  | 8.7   | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 180    | J         | 880  | 10    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 68     | J         | 880  | 9.1   | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 3100   |           | 880  | 13    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 190    | J         | 880  | 20    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 480    | J         | 880  | 24    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 52     | J         | 880  | 15    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 2300   |           | 880  | 18    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 2800   |           | 880  | 5.7   | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD               | 19     | J         | 88   | 17    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDE               | 50     | J         | 88   | 13    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 38     | J B       | 88   | 9.0   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 28     | J         | 88   | 28    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 4230   |           | 51.8 | 4.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 2.1    | J         | 77.7 | 0.41  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 10.1   | J         | 10.4 | 0.41  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 33.1   | ^         | 2.6  | 0.11  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.19   | J         | 1.0  | 0.029 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.74   | J         | 1.0  | 0.031 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 43400  |           | 259  | 3.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 15.7   |           | 2.6  | 0.21  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.5    |           | 2.6  | 0.052 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 34.8   |           | 5.2  | 0.22  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 10500  | B         | 52.4 | 1.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 50.1   |           | 5.2  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 16000  |           | 104  | 0.96  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 208    | B         | 1.0  | 0.033 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 10.8   | J         | 26.2 | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-003-0-2 (Continued)

## Lab Sample ID: 480-55387-10

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Potassium | 650    |           | 155   | 20.7   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 6.0    | J         | 20.7  | 0.41   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver    | 1.2    | J         | 2.6   | 0.21   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 211    | J         | 725   | 13.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 13.8   |           | 2.6   | 0.11   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 57.2   | B         | 10.4  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.15   |           | 0.020 | 0.0083 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-003-6-8

## Lab Sample ID: 480-55387-11

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene     | 15     | J         | 190  | 3.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 15     | J         | 190  | 4.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 14     | J         | 190  | 3.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 8.6    | J         | 190  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 6.3    | J         | 190  | 2.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 16     | J         | 190  | 1.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 19     | J         | 190  | 2.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 8.0    | J         | 190  | 5.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 15     | J         | 190  | 3.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 18     | J         | 190  | 1.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Aluminum               | 7730   |           | 58.3 | 5.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 1.0    | J         | 87.4 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 35.1   |           | 11.7 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 46.0   | ^         | 2.9  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.18   | J         | 1.2  | 0.033 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.21   | J         | 1.2  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 3360   |           | 291  | 3.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 39.2   |           | 2.7  | 0.22  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 12.4   |           | 2.9  | 0.058 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 20.7   |           | 5.8  | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 17500  | B         | 54.4 | 1.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 11.7   |           | 5.8  | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 3550   |           | 117  | 1.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 188    | B         | 1.2  | 0.037 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 27.6   |           | 27.2 | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 1640   |           | 175  | 23.3  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 13.3   | J         | 23.3 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 279    | J         | 816  | 15.1  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 18.0   |           | 2.9  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 25.3   | B         | 11.7 | 0.18  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

## Client Sample ID: LT-T-003-10-12

## Lab Sample ID: 480-55387-12

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Acetone            | 10     | J         | 23  | 3.9 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide   | 4.0    | J         | 4.6 | 2.3 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Benzaldehyde       | 22     | J         | 210 | 22  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene | 23     | J         | 210 | 3.5 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene     | 18     | J         | 210 | 4.9 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-003-10-12 (Continued)

## Lab Sample ID: 480-55387-12

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzo[b]fluoranthene   | 24     | J         | 210  | 4.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 12     | J         | 210  | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 13     | J         | 210  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 19     | J         | 210  | 2.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 36     | J         | 210  | 3.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 8.8    | J         | 210  | 5.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 21     | J         | 210  | 4.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 27     | J         | 210  | 1.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Aluminum               | 7230   |           | 58.7 | 5.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.62   | J         | 88.1 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 5.6    | J         | 11.7 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 23.5   | ^         | 2.9  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.096  | J         | 1.2  | 0.033 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.13   | J         | 1.2  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1060   |           | 294  | 3.9   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 9.5    |           | 3.4  | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 3.6    |           | 2.9  | 0.059 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 2.5    | J         | 5.9  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 8430   | B         | 68.8 | 1.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 3.9    | J         | 5.9  | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 2040   |           | 117  | 1.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 116    | B         | 1.2  | 0.038 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 3.5    | J         | 34.4 | 0.32  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 610    |           | 176  | 23.5  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 7.3    | J         | 23.5 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 326    | J         | 822  | 15.3  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 18.6   |           | 2.9  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 20.5   | B         | 11.7 | 0.18  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

## Client Sample ID: LT-T-007-0-2

## Lab Sample ID: 480-55387-13

| Analyte                | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Acenaphthene           | 15     | J         | 180 | 2.1 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 32     | J         | 180 | 1.5 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 52     | J         | 180 | 4.6 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 270    |           | 180 | 3.1 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 260    |           | 180 | 4.4 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 400    |           | 180 | 3.5 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 130    | J         | 180 | 2.2 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 170    | J         | 180 | 2.0 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 18     | J         | 180 | 2.1 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 270    |           | 180 | 1.8 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 41     | J         | 180 | 2.1 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 6.6    | J         | 180 | 1.9 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 440    |           | 180 | 2.6 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 13     | J         | 180 | 4.2 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 110    | J         | 180 | 5.0 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 190    |           | 180 | 3.8 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 350    |           | 180 | 1.2 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT               | 31     | J B       | 88  | 9.0 | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-007-0-2 (Continued)

## Lab Sample ID: 480-55387-13

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Aluminum  | 4150   |           | 49.7  | 4.4    | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Antimony  | 1.5    | J         | 74.6  | 0.40   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Arsenic   | 5.2    | J         | 9.9   | 0.40   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Barium    | 23.9   | ^         | 2.5   | 0.11   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Beryllium | 0.16   | J         | 0.99  | 0.028  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Cadmium   | 0.14   | J         | 0.99  | 0.030  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Calcium   | 1600   |           | 249   | 3.3    | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Chromium  | 13.3   |           | 2.5   | 0.20   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Cobalt    | 2.5    |           | 2.5   | 0.050  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Copper    | 17.5   |           | 5.0   | 0.21   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Iron      | 9390   | B         | 49.3  | 1.1    | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Lead      | 22.0   |           | 5.0   | 0.24   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Magnesium | 1420   |           | 99.5  | 0.92   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Manganese | 109    | B         | 0.99  | 0.032  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Nickel    | 9.3    | J         | 24.7  | 0.23   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Potassium | 848    |           | 149   | 19.9   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Selenium  | 1.9    | J         | 19.9  | 0.40   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Sodium    | 90.8   | J         | 696   | 12.9   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Vanadium  | 13.3   |           | 2.5   | 0.11   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Zinc      | 25.4   | B         | 9.9   | 0.15   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Mercury   | 0.022  |           | 0.022 | 0.0088 | mg/Kg | 1       | * | 7471B  | Total/NA  |

## Client Sample ID: LT-T-007-6-8

## Lab Sample ID: 480-55387-14

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Acenaphthene           | 4.8    | J         | 200  | 2.3   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Anthracene             | 14     | J         | 200  | 5.1   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Benzaldehyde           | 25     | J         | 200  | 22    | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 52     | J         | 200  | 3.4   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 46     | J         | 200  | 4.8   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 89     | J         | 200  | 3.8   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 33     | J         | 200  | 2.4   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 32     | J         | 200  | 2.2   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Chrysene               | 57     | J         | 200  | 2.0   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 12     | J         | 200  | 2.3   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Fluoranthene           | 92     | J         | 200  | 2.9   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 26     | J         | 200  | 5.5   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Phenanthrene           | 64     | J         | 200  | 4.1   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| Pyrene                 | 82     | J         | 200  | 1.3   | ug/Kg | 1       | * | 8270D  | Total/NA  |
| 4,4'-DDT               | 32     | J B       | 96   | 9.7   | ug/Kg | 50      | * | 8081B  | Total/NA  |
| Aluminum               | 6540   |           | 55.8 | 4.9   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Arsenic                | 3.3    | J         | 11.2 | 0.45  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Barium                 | 29.5   |           | 2.8  | 0.12  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Beryllium              | 0.28   | J         | 1.1  | 0.031 | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Cadmium                | 0.087  | J         | 1.1  | 0.033 | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Calcium                | 677    |           | 279  | 3.7   | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Chromium               | 13.3   |           | 2.8  | 0.22  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Cobalt                 | 3.5    |           | 2.8  | 0.056 | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Copper                 | 7.8    |           | 5.6  | 0.23  | mg/Kg | 1       | * | 6010C  | Total/NA  |
| Iron                   | 11200  | B         | 55.8 | 1.2   | mg/Kg | 1       | * | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-6-8 (Continued)**

**Lab Sample ID: 480-55387-14**

| Analyte   | Result  | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|---------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Lead      | 9.8     |           | 5.6   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 1980    |           | 112   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 126     |           | 1.1   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 7.9 J   |           | 27.9  | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 1010    |           | 167   | 22.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 0.48 J  |           | 22.3  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 395 J   |           | 781   | 14.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 17.1    |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 22.2 B  |           | 11.2  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.019 J |           | 0.024 | 0.0097 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-007-14-16**

**Lab Sample ID: 480-55387-15**

| Analyte                | Result  | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|---------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Butanone (MEK)       | 32 J    |           | 42   | 3.1   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Acetone                | 150     |           | 42   | 7.1   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide       | 35      |           | 8.4  | 4.2   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Acenaphthene           | 10 J    |           | 270  | 3.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 15 J    |           | 270  | 6.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzaldehyde           | 34 J    |           | 270  | 29    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 60 J    |           | 270  | 4.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 48 J    |           | 270  | 6.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 67 J    |           | 270  | 5.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 28 J    |           | 270  | 3.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 36 J    |           | 270  | 2.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 58 J    |           | 270  | 2.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 14 J    |           | 270  | 3.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 94 J    |           | 270  | 3.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 23 J    |           | 270  | 7.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 46 J    |           | 270  | 5.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 83 J    |           | 270  | 1.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT               | 44 J B  |           | 130  | 14    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 9000    |           | 80.4 | 7.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 4.6 J   |           | 16.1 | 0.64  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 27.9    |           | 4.0  | 0.18  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.53 J  |           | 1.6  | 0.045 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.34 J  |           | 1.6  | 0.048 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1780    |           | 402  | 5.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 20.4    |           | 4.0  | 0.32  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.4     |           | 4.0  | 0.080 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 17.6    |           | 8.0  | 0.34  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 20200 B |           | 80.4 | 1.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 40.7    |           | 8.0  | 0.39  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 3450    |           | 161  | 1.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 253     |           | 1.6  | 0.051 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 14.3 J  |           | 40.2 | 0.37  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 1990    |           | 241  | 32.2  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 973 J   |           | 1130 | 20.9  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 25.3    |           | 4.0  | 0.18  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 51.1 B  |           | 16.1 | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-14-16 (Continued)**

**Lab Sample ID: 480-55387-15**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Mercury | 0.063  |           | 0.030 | 0.012 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-005-0-2**

**Lab Sample ID: 480-55387-16**

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Acenaphthene           | 20     | J         | 1000  | 12     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 74     | J         | 1000  | 25     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 430    | J         | 1000  | 17     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 470    | J         | 1000  | 24     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 690    | J         | 1000  | 19     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 290    | J         | 1000  | 12     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 380    | J         | 1000  | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 42     | J         | 1000  | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 510    | J         | 1000  | 9.9    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 110    | J         | 1000  | 12     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Di-n-octyl phthalate   | 36     | J         | 1000  | 23     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 860    | J         | 1000  | 14     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 230    | J         | 1000  | 27     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 380    | J         | 1000  | 21     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 630    | J         | 1000  | 6.4    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD               | 27     | J         | 98    | 19     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDE               | 23     | J         | 98    | 15     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 44     | J B       | 98    | 9.9    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 21     | J B       | 98    | 13     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Dieldrin               | 43     | J         | 98    | 23     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 44     | J         | 98    | 31     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 26     | J         | 98    | 13     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 6660   |           | 57.2  | 5.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.70   | J         | 85.8  | 0.46   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 9.3    | J         | 11.4  | 0.46   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 42.5   |           | 2.9   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.29   | J         | 1.1   | 0.032  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.61   | J         | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 11300  |           | 286   | 3.8    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 14.2   |           | 2.9   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 5.6    |           | 2.9   | 0.057  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 31.9   |           | 5.7   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 11100  | B         | 57.2  | 1.3    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 65.7   |           | 5.7   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 4980   |           | 114   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 322    |           | 1.1   | 0.037  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 12.0   | J         | 28.6  | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 790    |           | 172   | 22.9   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 1.2    | J         | 22.9  | 0.46   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 1.8    | J         | 2.9   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 242    | J         | 801   | 14.9   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 17.9   |           | 2.9   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 61.0   | B         | 11.4  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.11   |           | 0.024 | 0.0097 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-4-6**

**Lab Sample ID: 480-55387-17**

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 29     | J         | 180   | 2.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 200    |           | 180   | 2.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 230    |           | 180   | 4.5    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 630    |           | 180   | 3.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 450    |           | 180   | 4.3    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 630    |           | 180   | 3.4    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 200    |           | 180   | 2.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 310    |           | 180   | 2.0    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 120    | J         | 180   | 2.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 560    |           | 180   | 1.8    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 71     | J         | 180   | 1.8    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 1200   |           | 180   | 2.6    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 130    | J         | 180   | 4.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 190    |           | 180   | 4.9    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 34     | J         | 180   | 3.0    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 870    |           | 180   | 3.7    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 860    |           | 180   | 1.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD               | 23     | J         | 89    | 17     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDE               | 31     | J         | 89    | 13     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 32     | J B       | 89    | 9.0    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 19     | J B       | 89    | 12     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 26     | J         | 89    | 12     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 6260   |           | 53.5  | 4.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 12.4   |           | 10.7  | 0.43   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 36.9   |           | 2.7   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.30   | J         | 1.1   | 0.030  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.19   | J         | 1.1   | 0.032  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 7640   |           | 268   | 3.5    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 12.6   |           | 2.7   | 0.21   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 5.6    |           | 2.7   | 0.054  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 11.0   |           | 5.4   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 10600  | B         | 53.5  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 11.9   |           | 5.4   | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 5480   |           | 107   | 0.99   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 274    |           | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 10.9   | J         | 26.8  | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 1070   |           | 161   | 21.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 0.76   | J         | 21.4  | 0.43   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 202    | J         | 750   | 13.9   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 15.9   |           | 2.7   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 25.4   | B         | 10.7  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.037  |           | 0.022 | 0.0088 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-005-16-19**

**Lab Sample ID: 480-55387-18**

| Analyte          | Result | Qualifier | RL  | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| Acetone          | 53     |           | 30  | 5.0  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide | 17     |           | 5.9 | 3.0  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Cyclohexane      | 1.2    | J         | 5.9 | 0.83 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Acenaphthene     | 4.3    | J         | 230 | 2.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-005-16-19 (Continued)

## Lab Sample ID: 480-55387-18

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Benzo[a]pyrene         | 9.2    | J         | 230   | 5.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 11     | J         | 230   | 4.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 6.6    | J         | 230   | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 18     | J         | 230   | 3.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 7.2    | J         | 230   | 6.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 26     | J         | 230   | 4.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 17     | J         | 230   | 1.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD               | 8.9    | J         | 46    | 8.9   | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 15     | J B       | 46    | 4.7   | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 9380   |           | 72.6  | 6.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 5.6    | J         | 14.5  | 0.58  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 24.2   |           | 3.6   | 0.16  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.53   | J         | 1.5   | 0.041 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.23   | J         | 1.5   | 0.044 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1680   |           | 363   | 4.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 21.3   |           | 3.6   | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.7    |           | 3.6   | 0.073 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 10.7   |           | 7.3   | 0.31  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 18600  | B         | 72.6  | 1.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 8.2    |           | 7.3   | 0.35  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 3890   |           | 145   | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 305    |           | 1.5   | 0.046 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 14.4   | J         | 36.3  | 0.33  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 2430   |           | 218   | 29.1  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 636    | J         | 1020  | 18.9  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 26.3   |           | 3.6   | 0.16  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 37.4   | B         | 14.5  | 0.22  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.037  |           | 0.028 | 0.012 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-006-0-2

## Lab Sample ID: 480-55387-19

| Analyte                | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Acenaphthene           | 6.3    | J         | 220  | 2.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 9.0    | J         | 220  | 1.8  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 19     | J         | 220  | 5.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 54     | J         | 220  | 3.8  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 57     | J         | 220  | 5.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 82     | J         | 220  | 4.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 34     | J         | 220  | 2.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 25     | J         | 220  | 2.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 10     | J         | 220  | 2.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 73     | J         | 220  | 2.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 100    | J         | 220  | 3.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 8.8    | J         | 220  | 5.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 30     | J         | 220  | 6.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 77     | J         | 220  | 4.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 87     | J         | 220  | 1.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT               | 36     | J B       | 110  | 11   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 6990   |           | 68.0 | 6.0  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 2.6    | J         | 13.6 | 0.54 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-006-0-2 (Continued)

## Lab Sample ID: 480-55387-19

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Barium    | 36.6   |           | 3.4   | 0.15  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium | 0.19   | J         | 1.4   | 0.038 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium   | 0.049  | J         | 1.4   | 0.041 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium   | 1470   |           | 340   | 4.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium  | 18.8   |           | 3.4   | 0.27  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt    | 2.6    | J         | 3.4   | 0.068 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper    | 7.1    |           | 6.8   | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 11600  | B         | 68.0  | 1.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead      | 14.7   |           | 6.8   | 0.33  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 2710   |           | 136   | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 101    |           | 1.4   | 0.044 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 7.2    | J         | 34.0  | 0.31  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 1680   |           | 204   | 27.2  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 0.55   | J         | 27.2  | 0.54  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 165    | J         | 952   | 17.7  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 25.9   |           | 3.4   | 0.15  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 20.1   | B         | 13.6  | 0.21  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.030  |           | 0.027 | 0.011 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-006-4-6

## Lab Sample ID: 480-55387-20

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene     | 550    | J         | 3900 | 67    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 450    | J         | 3900 | 94    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 600    | J         | 3900 | 75    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 470    | J         | 3900 | 47    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 190    | J         | 3900 | 43    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 370    | J         | 3900 | 39    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 650    | J         | 3900 | 56    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 360    | J         | 3900 | 110   | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 370    | J         | 3900 | 82    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 580    | J         | 3900 | 25    | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 24     | J         | 96   | 14    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 38     | J         | 96   | 9.8   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5070   |           | 60.5 | 5.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 4.9    | J         | 12.1 | 0.48  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 29.7   |           | 3.0  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.15   | J         | 1.2  | 0.034 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.22   | J         | 1.2  | 0.036 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 46800  |           | 303  | 4.0   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 7.4    |           | 3.0  | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.5    |           | 3.0  | 0.061 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 97.1   |           | 6.1  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 16100  | B         | 60.5 | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 34.2   |           | 6.1  | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 18800  |           | 121  | 1.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 181    |           | 1.2  | 0.039 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 8.1    | J         | 30.3 | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 741    |           | 182  | 24.2  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 0.55   | J         | 24.2 | 0.48  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-006-4-6 (Continued)

## Lab Sample ID: 480-55387-20

| Analyte  | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Sodium   | 227    | J         | 847   | 15.7   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium | 29.5   |           | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc     | 33.2   | B         | 12.1  | 0.19   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury  | 0.043  |           | 0.022 | 0.0090 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-006-12-14

## Lab Sample ID: 480-55387-21

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Acetone                | 58     |           | 33   | 5.5   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide       | 17     |           | 6.6  | 3.3   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Anthracene             | 7.2    | J         | 210  | 5.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 28     | J         | 210  | 3.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 19     | J         | 210  | 5.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 26     | J         | 210  | 4.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 13     | J         | 210  | 2.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 14     | J         | 210  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 25     | J         | 210  | 2.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 40     | J         | 210  | 3.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 12     | J         | 210  | 5.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 25     | J         | 210  | 4.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 32     | J         | 210  | 1.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Aluminum               | 7470   |           | 63.0 | 5.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 4.0    | J         | 12.6 | 0.50  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 31.6   |           | 3.2  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.37   | J         | 1.3  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.12   | J         | 1.3  | 0.038 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 1250   |           | 315  | 4.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 15.3   |           | 3.2  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 4.1    |           | 3.2  | 0.063 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 6.8    |           | 6.3  | 0.26  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 14400  | B         | 63.0 | 1.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 5.0    | J         | 6.3  | 0.30  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 2400   |           | 126  | 1.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 190    |           | 1.3  | 0.040 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 9.1    | J         | 31.5 | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 1530   |           | 189  | 25.2  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 0.74   | J         | 25.2 | 0.50  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 391    | J         | 883  | 16.4  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 18.9   |           | 3.2  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 23.8   | B         | 12.6 | 0.19  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

## Client Sample ID: LT-T-008-0-2

## Lab Sample ID: 480-55387-22

| Analyte              | Result | Qualifier | RL   | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-----|-------|---------|---|--------|-----------|
| Acenaphthene         | 73     | J         | 1800 | 21  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Anthracene           | 160    | J         | 1800 | 46  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene   | 610    | J         | 1800 | 31  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene       | 650    | J         | 1800 | 43  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene | 890    | J         | 1800 | 35  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene | 290    | J         | 1800 | 22  | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-0-2 (Continued)**

**Lab Sample ID: 480-55387-22**

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[k]fluoranthene   | 350    | J         | 1800  | 20     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 560    | J         | 1800  | 18     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 1000   | J         | 1800  | 26     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 270    | J         | 1800  | 50     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 700    | J         | 1800  | 38     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 800    | J         | 1800  | 12     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 24     | J         | 89    | 13     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 55     | J         | 89    | 9.0    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Dieldrin               | 32     | J         | 89    | 21     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 28     | J         | 89    | 28     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5740   |           | 51.3  | 4.5    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 1.5    | J         | 77.0  | 0.41   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 8.8    | J         | 10.3  | 0.41   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 48.9   |           | 2.6   | 0.11   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.28   | J         | 1.0   | 0.029  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.72   | J         | 1.0   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 28000  |           | 257   | 3.4    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 13.9   |           | 2.6   | 0.21   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.6    |           | 2.6   | 0.051  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 35.3   |           | 5.1   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 11800  | B         | 51.3  | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 60.7   |           | 5.1   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 9340   |           | 103   | 0.95   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 210    |           | 1.0   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 12.1   | J         | 25.7  | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 843    |           | 154   | 20.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 1.8    | J         | 20.5  | 0.41   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 1.9    | J         | 2.6   | 0.21   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 159    | J         | 719   | 13.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 21.5   |           | 2.6   | 0.11   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 57.9   | B         | 10.3  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.091  |           | 0.021 | 0.0087 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-008-6-8**

**Lab Sample ID: 480-55387-23**

| Analyte              | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Biphenyl             | 15     | J         | 190 | 12  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 2-Methylnaphthalene  | 44     | J         | 190 | 2.3 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene         | 150    | J         | 190 | 2.3 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene       | 23     | J         | 190 | 1.6 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene           | 480    |           | 190 | 4.9 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene   | 1100   |           | 190 | 3.3 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene       | 890    |           | 190 | 4.6 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene | 1000   |           | 190 | 3.7 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene | 380    |           | 190 | 2.3 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene | 440    |           | 190 | 2.1 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole            | 79     | J         | 190 | 2.2 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene             | 1200   |           | 190 | 1.9 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran         | 44     | J         | 190 | 2.0 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene         | 2200   |           | 190 | 2.8 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-008-6-8 (Continued)

## Lab Sample ID: 480-55387-23

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Fluorene               | 150    | J         | 190   | 4.4    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 300    |           | 190   | 5.3    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 40     | J         | 190   | 3.2    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 2200   |           | 190   | 4.0    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 2300   |           | 190   | 1.2    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD               | 9.6    | J         | 38    | 7.4    | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDE               | 11     | J         | 38    | 5.7    | ug/Kg | 20      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 3630   |           | 58.2  | 5.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 8.5    | J         | 11.6  | 0.47   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 34.2   |           | 2.9   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.088  | J         | 1.2   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 816    |           | 291   | 3.8    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 11.5   |           | 2.9   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 0.93   | J         | 2.9   | 0.058  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 6.1    |           | 5.8   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 4690   | B         | 58.2  | 1.3    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 3.7    | J         | 5.8   | 0.28   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 715    |           | 116   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 36.2   |           | 1.2   | 0.037  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 2.8    | J         | 29.1  | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 724    |           | 175   | 23.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 0.55   | J         | 23.3  | 0.47   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 154    | J         | 814   | 15.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 10     |           | 2.9   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 10.3   | J B       | 11.6  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.015  | J         | 0.024 | 0.0097 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-008-14-16

## Lab Sample ID: 480-55387-24

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| Acetone                  | 30     | J         | 38  | 6.3  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide         | 20     |           | 7.5 | 3.8  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| cis-1,2-Dichloroethene   | 13     |           | 7.5 | 0.96 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Cyclohexane              | 2.7    | J         | 7.5 | 1.1  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Methylcyclohexane        | 4.2    | J         | 7.5 | 1.1  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| trans-1,2-Dichloroethene | 3.5    | J         | 7.5 | 0.77 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| 2-Methylnaphthalene      | 16     | J         | 260 | 3.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene             | 80     | J         | 260 | 3.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene           | 15     | J         | 260 | 2.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene               | 180    | J         | 260 | 6.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene       | 420    |           | 260 | 4.5  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene           | 370    |           | 260 | 6.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene     | 430    |           | 260 | 5.0  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene     | 150    | J         | 260 | 3.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene     | 170    | J         | 260 | 2.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole                | 37     | J         | 260 | 3.0  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene                 | 450    |           | 260 | 2.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran             | 20     | J         | 260 | 2.7  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene             | 920    |           | 260 | 3.8  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene                 | 66     | J         | 260 | 6.0  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-008-14-16 (Continued)

## Lab Sample ID: 480-55387-24

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Indeno[1,2,3-cd]pyrene | 130    | J         | 260   | 7.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 26     | J         | 260   | 4.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 810    |           | 260   | 5.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 940    |           | 260   | 1.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Aluminum               | 7930   |           | 72.2  | 6.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 5.9    | J         | 14.4  | 0.58  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 37.8   |           | 3.6   | 0.16  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.44   | J         | 1.4   | 0.040 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.21   | J         | 1.4   | 0.043 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 2890   |           | 361   | 4.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 20.3   |           | 3.6   | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 4.5    |           | 3.6   | 0.072 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 17.2   |           | 7.2   | 0.30  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 19100  | B         | 72.2  | 1.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 52.0   |           | 7.2   | 0.35  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 2150   |           | 144   | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 331    |           | 1.4   | 0.046 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 9.7    | J         | 36.1  | 0.33  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 1170   |           | 217   | 28.9  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 0.72   | J         | 28.9  | 0.58  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 312    | J         | 1010  | 18.8  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 24.7   |           | 3.6   | 0.16  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 50.1   | B         | 14.4  | 0.22  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.058  |           | 0.030 | 0.012 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: DUP035

## Lab Sample ID: 480-55387-25

| Analyte                | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Acenaphthene           | 28     | J         | 200  | 2.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 140    | J         | 200  | 5.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 130    | J         | 200  | 3.5  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 99     | J         | 200  | 4.8  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 120    | J         | 200  | 3.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 43     | J         | 200  | 2.4  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 55     | J         | 200  | 2.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 13     | J         | 200  | 2.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 120    | J         | 200  | 2.0  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 14     | J         | 200  | 2.1  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 300    |           | 200  | 2.9  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 56     | J         | 200  | 4.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 36     | J         | 200  | 5.6  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 360    |           | 200  | 4.2  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 300    |           | 200  | 1.3  | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 0.74   | J         | 2.0  | 0.30 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.80   | J         | 2.0  | 0.20 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 0.55   | J         | 2.0  | 0.26 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 0.66   | J         | 2.0  | 0.27 | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 4600   |           | 59.2 | 5.2  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 2.9    | J         | 11.8 | 0.47 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 11.5   |           | 3.0  | 0.13 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: DUP035 (Continued)

## Lab Sample ID: 480-55387-25

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Beryllium | 0.27   | J         | 1.2   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium   | 0.067  | J         | 1.2   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium   | 846    |           | 296   | 3.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium  | 9.8    |           | 3.0   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt    | 2.8    | J         | 3.0   | 0.059  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper    | 10.0   |           | 5.9   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 6960   | B         | 59.2  | 1.3    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead      | 4.3    | J         | 5.9   | 0.28   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 1480   |           | 118   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 60.1   |           | 1.2   | 0.038  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 6.6    | J         | 29.6  | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 813    |           | 178   | 23.7   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 1.7    | J         | 23.7  | 0.47   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 458    | J         | 829   | 15.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 14.9   |           | 3.0   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 23.1   | B         | 11.8  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.010  | J         | 0.024 | 0.0096 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: DUP036

## Lab Sample ID: 480-55387-26

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 13     | J         | 200  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 41     | J         | 200  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthylene         | 15     | J         | 200  | 1.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 96     | J         | 200  | 5.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 280    |           | 200  | 3.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 260    |           | 200  | 4.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 340    |           | 200  | 3.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 100    | J         | 200  | 2.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 140    | J         | 200  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 24     | J         | 200  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 330    |           | 200  | 2.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 15     | J         | 200  | 2.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 620    |           | 200  | 2.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 31     | J         | 200  | 4.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 75     | J         | 200  | 5.5   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 15     | J         | 200  | 3.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 480    |           | 200  | 4.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 610    |           | 200  | 1.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 25     | J         | 97   | 15    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 8300   |           | 58.2 | 5.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 3.7    | J         | 11.6 | 0.47  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 42.4   |           | 2.9  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.29   | J         | 1.2  | 0.033 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.11   | J         | 1.2  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 960    |           | 291  | 3.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 14.3   |           | 2.9  | 0.23  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 4.2    |           | 2.9  | 0.058 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 16.6   |           | 5.8  | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 11200  | B         | 58.2 | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: DUP036 (Continued)

## Lab Sample ID: 480-55387-26

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Lead      | 9.2    |           | 5.8   | 0.28   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 1780   |           | 116   | 1.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 169    |           | 1.2   | 0.037  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 8.9 J  |           | 29.1  | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 718    |           | 174   | 23.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 152 J  |           | 814   | 15.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 17.2   |           | 2.9   | 0.13   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 26.1 B |           | 11.6  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.029  |           | 0.024 | 0.0099 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-012-0-2

## Lab Sample ID: 480-55387-27

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 44 J   |           | 190  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 9.6 J  |           | 190  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 23 J   |           | 190  | 4.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 65 J   |           | 190  | 3.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 74 J   |           | 190  | 4.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 120 J  |           | 190  | 3.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 39 J   |           | 190  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 36 J   |           | 190  | 2.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 9.3 J  |           | 190  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 76 J   |           | 190  | 1.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 11 J   |           | 190  | 2.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 98 J   |           | 190  | 2.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 34 J   |           | 190  | 5.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 23 J   |           | 190  | 3.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 73 J   |           | 190  | 4.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 85 J   |           | 190  | 1.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT               | 36 J   |           | 94   | 9.5   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 1290   |           | 60.0 | 5.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 17.6 J |           | 89.9 | 0.48  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 44.1   |           | 12.0 | 0.48  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 15.6   |           | 3.0  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.11 J |           | 1.2  | 0.034 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 1.8    |           | 1.2  | 0.036 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 903    |           | 300  | 4.0   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 5.8    |           | 3.0  | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 5.3    |           | 3.0  | 0.060 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 18.9   |           | 6.0  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 3330 B |           | 60.0 | 1.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 26.0   |           | 6.0  | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 428    |           | 120  | 1.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 23.8   |           | 1.2  | 0.038 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 8.5 J  |           | 30.0 | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 254    |           | 180  | 24.0  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 4.0 J  |           | 24.0 | 0.48  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 1.8 J  |           | 3.0  | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 74.5 J |           | 839  | 15.6  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 4.6    |           | 3.0  | 0.13  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-012-0-2 (Continued)

## Lab Sample ID: 480-55387-27

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Zinc    | 66.8   | B         | 12.0  | 0.18   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury | 0.093  |           | 0.023 | 0.0092 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-012-2-4

## Lab Sample ID: 480-55387-28

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Anthracene           | 23     | J         | 200   | 5.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene       | 9.9    | J         | 200   | 4.8    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene | 13     | J         | 200   | 3.8    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene | 11     | J         | 200   | 2.2    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene             | 12     | J         | 200   | 2.0    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran         | 36     | J         | 200   | 2.1    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene         | 31     | J         | 200   | 2.9    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene         | 45     | J         | 200   | 4.2    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene               | 32     | J         | 200   | 1.3    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD             | 0.68   | J         | 1.9   | 0.38   | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT             | 0.82   | J         | 1.9   | 0.20   | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| alpha-BHC            | 0.49   | J         | 1.9   | 0.35   | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| delta-BHC            | 0.50   | J         | 1.9   | 0.26   | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Methoxychlor         | 1.3    | J         | 1.9   | 0.27   | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum             | 1090   |           | 55.8  | 4.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony             | 17.1   | J         | 83.7  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic              | 55.4   |           | 11.2  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium               | 17.3   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium            | 0.035  | J         | 1.1   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium              | 0.38   | J         | 1.1   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium              | 863    |           | 279   | 3.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium             | 7.2    |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt               | 8.3    |           | 2.8   | 0.056  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper               | 13.8   |           | 5.6   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                 | 3450   | B         | 55.8  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                 | 24.7   |           | 5.6   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium            | 156    |           | 112   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese            | 20.8   |           | 1.1   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel               | 8.9    | J         | 27.9  | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium            | 259    |           | 167   | 22.3   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium             | 4.4    | J         | 22.3  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver               | 3.1    |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium               | 104    | J         | 781   | 14.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium             | 4.8    |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                 | 80.1   | B         | 11.2  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury              | 0.31   |           | 0.023 | 0.0095 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-012-4-6

## Lab Sample ID: 480-55387-29

| Analyte          | Result | Qualifier | RL  | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| 2-Butanone (MEK) | 19     | J         | 27  | 2.0  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Acetone          | 82     |           | 27  | 4.6  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide | 42     |           | 5.4 | 2.7  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Ethylbenzene     | 0.39   | J         | 5.4 | 0.38 | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-012-4-6 (Continued)

## Lab Sample ID: 480-55387-29

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene     | 64     | J         | 200   | 3.4    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 50     | J         | 200   | 4.7    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 77     | J         | 200   | 3.8    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 20     | J         | 200   | 2.4    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 29     | J         | 200   | 2.2    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 71     | J         | 200   | 2.0    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 190    | J         | 200   | 2.8    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 16     | J         | 200   | 5.4    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 180    | J         | 200   | 1.3    | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Aluminum               | 2190   |           | 55.6  | 4.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 7.3    | J         | 83.4  | 0.44   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 92.8   |           | 11.1  | 0.44   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 20.5   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.10   | J         | 1.1   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 9.3    |           | 1.1   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 888    |           | 278   | 3.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 13.5   |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 31.1   |           | 2.8   | 0.056  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 176    |           | 5.6   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 6310   | B         | 55.6  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 129    |           | 5.6   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 469    |           | 111   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 68.4   |           | 1.1   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 14.0   | J         | 27.8  | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 551    |           | 167   | 22.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 3.2    | J         | 22.2  | 0.44   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 6.5    |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 128    | J         | 779   | 14.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 6.4    |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 250    | B         | 11.1  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.083  |           | 0.024 | 0.0095 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: FB033

## Lab Sample ID: 480-55387-30

| Analyte              | Result  | Qualifier | RL      | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|---------|-----------|---------|---------|------|---------|---|--------|-----------|
| Acetone              | 6.5     | J         | 10      | 3.0     | ug/L | 1       |   | 8260C  | Total/NA  |
| Chloroform           | 0.97    | J         | 1.0     | 0.34    | ug/L | 1       |   | 8260C  | Total/NA  |
| Methylene Chloride   | 0.48    | J         | 1.0     | 0.44    | ug/L | 1       |   | 8260C  | Total/NA  |
| Acetophenone         | 0.75    | J         | 5.1     | 0.55    | ug/L | 1       |   | 8270D  | Total/NA  |
| Benzaldehyde         | 0.35    | J B       | 5.1     | 0.27    | ug/L | 1       |   | 8270D  | Total/NA  |
| Di-n-butyl phthalate | 0.63    | J B       | 5.1     | 0.32    | ug/L | 1       |   | 8270D  | Total/NA  |
| Copper               | 0.0020  | J         | 0.010   | 0.0016  | mg/L | 1       |   | 6010C  | Total/NA  |
| Manganese            | 0.00081 | J         | 0.0030  | 0.00040 | mg/L | 1       |   | 6010C  | Total/NA  |
| Zinc                 | 0.0019  | J         | 0.010   | 0.0015  | mg/L | 1       |   | 6010C  | Total/NA  |
| Mercury              | 0.00069 |           | 0.00020 | 0.00012 | mg/L | 1       |   | 7470A  | Total/NA  |

## Client Sample ID: LT-T-010-0-2

## Lab Sample ID: 480-55387-31

| Analyte    | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Anthracene | 50     | J         | 880 | 22  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-010-0-2 (Continued)

## Lab Sample ID: 480-55387-31

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene     | 340    | J         | 880   | 15     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 440    | J         | 880   | 21     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 730    | J         | 880   | 17     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 160    | J         | 880   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 300    | J         | 880   | 9.7    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 30     | J         | 880   | 10     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 370    | J         | 880   | 8.8    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 540    | J         | 880   | 13     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 170    | J         | 880   | 24     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 170    | J         | 880   | 18     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 430    | J         | 880   | 5.7    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 26     | J         | 87    | 13     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 51     | J         | 87    | 8.8    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| alpha-Chlordane        | 280    |           | 87    | 43     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Dieldrin               | 23     | J         | 87    | 21     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Endrin                 | 22     | J         | 87    | 12     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 350    |           | 87    | 28     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5780   |           |       | 56.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.77   | J         | 84.2  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 5.5    | J         | 11.2  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 37.8   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.25   | J         | 1.1   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.44   | J         | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 29500  |           | 281   | 3.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 12.3   |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 5.3    |           | 2.8   | 0.056  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 27.3   |           | 5.6   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 10700  | B         | 56.1  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 42.0   |           | 5.6   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 12900  |           | 112   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 166    |           | 1.1   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 11.4   | J         | 28.1  | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 917    |           | 168   | 22.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 0.66   | J         | 22.4  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 1.2    | J         | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 159    | J         | 786   | 14.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 18.6   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 51.5   | B         | 11.2  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.071  |           | 0.021 | 0.0084 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-010-2-4

## Lab Sample ID: 480-55387-32

| Analyte              | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Acenaphthene         | 31     | J         | 920 | 11  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Anthracene           | 82     | J         | 920 | 23  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene   | 340    | J         | 920 | 16  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene       | 350    | J         | 920 | 22  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene | 540    | J         | 920 | 18  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene | 110    | J         | 920 | 11  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene | 170    | J         | 920 | 10  | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-010-2-4 (Continued)

## Lab Sample ID: 480-55387-32

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Chrysene               | 340    | J         | 920   | 9.1    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 650    | J         | 920   | 13     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 110    | J         | 920   | 25     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 390    | J         | 920   | 19     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 590    | J         | 920   | 5.9    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 23     | J         | 91    | 14     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 6770   |           | 52.8  | 4.6    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 4.4    | J         | 10.6  | 0.42   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 78.6   |           | 2.6   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.22   | J         | 1.1   | 0.030  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.17   | J         | 1.1   | 0.032  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 53900  |           | 264   | 3.5    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 17.8   |           | 2.6   | 0.21   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 6.3    |           | 2.6   | 0.053  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 26.5   |           | 5.3   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 11800  | B         | 52.8  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 20.3   |           | 5.3   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 11900  |           | 106   | 0.98   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 166    |           | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 16.2   | J         | 26.4  | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 800    |           | 158   | 21.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 1.3    | J         | 21.1  | 0.42   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 208    | J         | 739   | 13.7   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 15.8   |           | 2.6   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 26.5   | B         | 10.6  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.037  |           | 0.022 | 0.0091 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-010-7-8.5

## Lab Sample ID: 480-55387-33

| Analyte              | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Acetone              | 37     |           | 23   | 3.9   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Carbon disulfide     | 25     |           | 4.7  | 2.3   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Benzo[a]pyrene       | 10     | J         | 180  | 4.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene | 12     | J         | 180  | 3.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene | 11     | J         | 180  | 2.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene             | 9.3    | J         | 180  | 1.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene         | 11     | J         | 180  | 2.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene         | 8.7    | J         | 180  | 3.8   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene               | 9.0    | J         | 180  | 1.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE             | 0.50   | J         | 1.8  | 0.27  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT             | 0.72   | J         | 1.8  | 0.19  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum             | 4130   |           | 53.4 | 4.7   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony             | 0.70   | J         | 80.2 | 0.43  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic              | 3.3    | J         | 10.7 | 0.43  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium               | 15.8   |           | 2.7  | 0.12  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium            | 0.15   | J         | 1.1  | 0.030 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium              | 0.29   | J         | 1.1  | 0.032 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium              | 738    |           | 267  | 3.5   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium             | 8.8    |           | 2.7  | 0.21  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt               | 27.8   |           | 2.7  | 0.053 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-010-7-8.5 (Continued)

## Lab Sample ID: 480-55387-33

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Copper    | 12.8   |           | 5.3   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 6720   | B         | 53.4  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead      | 12.7   |           | 5.3   | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 924    |           | 107   | 0.99   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 57.3   |           | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 417    |           | 26.7  | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 535    |           | 160   | 21.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 2.1    | J         | 21.4  | 0.43   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 72.3   | J         | 748   | 13.9   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 10.2   |           | 2.7   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 20.6   | B         | 10.7  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.015  | J         | 0.020 | 0.0082 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-011-0-2

## Lab Sample ID: 480-55387-34

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Anthracene             | 52     | J         | 1900  | 49     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 370    | J         | 1900  | 33     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 440    | J         | 1900  | 46     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 630    | J         | 1900  | 37     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 230    | J         | 1900  | 23     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 370    | J         | 1900  | 21     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 500    | J         | 1900  | 19     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 690    | J         | 1900  | 28     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 180    | J         | 1900  | 53     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 310    | J         | 1900  | 40     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 540    | J         | 1900  | 12     | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 25     | J         | 95    | 14     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 39     | J         | 95    | 9.7    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5220   |           | 62.1  | 5.5    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 6.3    | J         | 93.2  | 0.50   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 6.4    | J         | 12.4  | 0.50   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 42.4   |           | 3.1   | 0.14   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.23   | J         | 1.2   | 0.035  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.51   | J         | 1.2   | 0.037  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 68900  |           | 311   | 4.1    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 13.4   |           | 3.1   | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 7.1    |           | 3.1   | 0.062  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 40.2   |           | 6.2   | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 9380   | B         | 62.1  | 1.4    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 76.4   |           | 6.2   | 0.30   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 30300  |           | 124   | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 189    |           | 1.2   | 0.040  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 19.2   | J         | 31.1  | 0.29   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 733    |           | 186   | 24.8   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 1.5    | J         | 24.8  | 0.50   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 217    | J         | 870   | 16.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 21.8   |           | 3.1   | 0.14   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 57.7   | B         | 12.4  | 0.19   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.26   |           | 0.022 | 0.0089 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-2-4**

**Lab Sample ID: 480-55387-35**

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 120    | J         | 920   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Acenaphthene           | 720    | J         | 920   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Anthracene             | 1300   |           | 920   | 23     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]anthracene     | 4100   |           | 920   | 16     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 3900   | *         | 920   | 22     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 7300   | *         | 920   | 18     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 1400   | *         | 920   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 3100   | *         | 920   | 10     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 940    |           | 920   | 11     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 4400   |           | 920   | 9.2    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Dibenzofuran           | 430    | J         | 920   | 9.5    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 10000  |           | 920   | 13     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 640    | J         | 920   | 21     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 1200   | *         | 920   | 25     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Naphthalene            | 350    | J         | 920   | 15     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Phenanthrone           | 6800   |           | 920   | 19     | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 7200   |           | 920   | 5.9    | ug/Kg | 5       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDD               | 27     | J         | 91    | 18     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDE               | 35     | J         | 91    | 14     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 62     | J         | 91    | 9.2    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Endosulfan sulfate     | 20     | J         | 91    | 17     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| gamma-Chlordane        | 29     | J         | 91    | 29     | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 4800   |           | 55.3  | 4.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 49.2   | J         | 82.9  | 0.44   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 86.3   |           | 11.1  | 0.44   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 77.1   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.21   | J         | 1.1   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 1.5    |           | 1.1   | 0.033  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 16600  |           | 276   | 3.6    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 20.4   |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 16.9   |           | 2.8   | 0.055  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 102    |           | 5.5   | 0.23   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 17800  | B         | 55.3  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 252    |           | 5.5   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 3560   |           | 111   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 255    |           | 1.1   | 0.035  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 40.6   |           | 27.6  | 0.25   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 577    |           | 166   | 22.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 17.9   | J         | 22.1  | 0.44   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Silver                 | 3.1    |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 141    | J         | 774   | 14.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 18.8   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 172    | B         | 11.1  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury                | 0.58   |           | 0.022 | 0.0088 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

**Client Sample ID: LT-T-011-6.5-8**

**Lab Sample ID: 480-55387-36**

| Analyte      | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Acenaphthene | 11     | J         | 190 | 2.2 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Anthracene   | 25     | J         | 190 | 4.9 | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-011-6.5-8 (Continued)

## Lab Sample ID: 480-55387-36

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene     | 87     | J         | 190  | 3.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 75     | J *       | 190  | 4.6   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 120    | J *       | 190  | 3.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[g,h,i]perylene   | 37     | J *       | 190  | 2.3   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 55     | J *       | 190  | 2.1   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Carbazole              | 9.7    | J         | 190  | 2.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 82     | J         | 190  | 1.9   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 160    | J         | 190  | 2.7   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Fluorene               | 9.6    | J         | 190  | 4.4   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 28     | J *       | 190  | 5.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 120    | J         | 190  | 4.0   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| Pyrene                 | 140    | J         | 190  | 1.2   | ug/Kg | 1       | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDE               | 1.1    | J         | 1.9  | 0.29  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.77   | J         | 1.9  | 0.19  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| delta-BHC              | 0.55   | J         | 1.9  | 0.25  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Endrin                 | 0.52   | J         | 1.9  | 0.26  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Methoxychlor           | 0.47   | J         | 1.9  | 0.26  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum               | 5860   |           | 61.7 | 5.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony               | 0.56   | J         | 92.5 | 0.49  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                | 2.5    | J         | 12.3 | 0.49  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                 | 29.2   |           | 3.1  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium              | 0.40   | J         | 1.2  | 0.035 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                | 0.68   | J         | 1.2  | 0.037 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                | 842    |           | 308  | 4.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium               | 7.9    |           | 3.1  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                 | 27.2   |           | 3.1  | 0.062 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                 | 35.0   |           | 6.2  | 0.26  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                   | 6430   | B         | 61.7 | 1.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                   | 21.9   |           | 6.2  | 0.30  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium              | 999    |           | 123  | 1.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese              | 75.0   |           | 1.2  | 0.039 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                 | 175    |           | 30.8 | 0.28  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium              | 381    |           | 185  | 24.7  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium               | 1.1    | J         | 24.7 | 0.49  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                 | 72.3   | J         | 863  | 16.0  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium               | 10.8   |           | 3.1  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                   | 163    | B         | 12.3 | 0.19  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

## Client Sample ID: LT-T-009-0-2

## Lab Sample ID: 480-55387-37

| Analyte                | Result | Qualifier | RL   | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-----|-------|---------|---|--------|-----------|
| Benzo[a]anthracene     | 410    | J         | 3700 | 63  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[a]pyrene         | 530    | J         | 3700 | 88  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[b]fluoranthene   | 600    | J         | 3700 | 70  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Benzo[k]fluoranthene   | 530    | J         | 3700 | 40  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Chrysene               | 530    | J         | 3700 | 36  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Dibenz(a,h)anthracene  | 290    | J         | 3700 | 43  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene           | 530    | J         | 3700 | 53  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 780    | J         | 3700 | 100 | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene           | 180    | J         | 3700 | 76  | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-009-0-2 (Continued)

## Lab Sample ID: 480-55387-37

| Analyte   | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Pyrene    | 650    | J         | 3700  | 24     | ug/Kg | 20      | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT  | 38     | J         | 90    | 9.2    | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum  | 3350   |           | 56.0  | 4.9    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Antimony  | 2.4    | J         | 84.0  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic   | 11.5   |           | 11.2  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium    | 41.5   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium | 0.16   | J         | 1.1   | 0.031  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium   | 0.51   | J         | 1.1   | 0.034  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium   | 8710   |           | 280   | 3.7    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium  | 22.6   |           | 2.8   | 0.22   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt    | 13.2   |           | 2.8   | 0.056  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper    | 63.9   |           | 5.6   | 0.24   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron      | 9810   | B         | 56.0  | 1.2    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead      | 35.0   |           | 5.6   | 0.27   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium | 1720   |           | 112   | 1.0    | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese | 157    |           | 1.1   | 0.036  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel    | 19.4   | J         | 28.0  | 0.26   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium | 646    |           | 168   | 22.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium  | 9.9    | J         | 22.4  | 0.45   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium    | 88.9   | J         | 784   | 14.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium  | 11.4   |           | 2.8   | 0.12   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc      | 57.1   | B         | 11.2  | 0.17   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury   | 0.61   |           | 0.021 | 0.0086 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

## Client Sample ID: LT-T-009-4-6

## Lab Sample ID: 480-55387-38

| Analyte            | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene | 220    | J         | 1900 | 32    | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Chrysene           | 180    | J         | 1900 | 19    | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Fluoranthene       | 210    | J         | 1900 | 27    | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Phenanthrene       | 130    | J         | 1900 | 39    | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| Pyrene             | 240    | J         | 1900 | 12    | ug/Kg | 10      | ⊗ | 8270D  | Total/NA  |
| 4,4'-DDT           | 35     | J         | 92   | 9.4   | ug/Kg | 50      | ⊗ | 8081B  | Total/NA  |
| Aluminum           | 2450   |           | 52.1 | 4.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic            | 3.4    | J         | 10.4 | 0.42  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium             | 20.5   |           | 2.6  | 0.11  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium          | 0.10   | J         | 1.0  | 0.029 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium            | 0.10   | J         | 1.0  | 0.031 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium            | 7510   |           | 261  | 3.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium           | 13.7   |           | 2.6  | 0.21  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt             | 7.4    |           | 2.6  | 0.052 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper             | 19.1   |           | 5.2  | 0.22  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron               | 5740   | B         | 52.1 | 1.1   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead               | 18.2   |           | 5.2  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium          | 928    |           | 104  | 0.97  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese          | 130    |           | 1.0  | 0.033 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel             | 11.2   | J         | 26.1 | 0.24  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium          | 413    |           | 156  | 20.9  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Selenium           | 1.2    | J         | 20.9 | 0.42  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium             | 114    | J         | 730  | 13.6  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-009-4-6 (Continued)

### Lab Sample ID: 480-55387-38

| Analyte  | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Vanadium | 8.4    |           | 2.6   | 0.11   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc     | 15.0   | B         | 10.4  | 0.16   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Mercury  | 0.053  |           | 0.022 | 0.0090 | mg/Kg | 1       | ⊗ | 7471B  | Total/NA  |

### Client Sample ID: LT-T-009-12-14

### Lab Sample ID: 480-55387-39

| Analyte                  | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Acetone                  | 27     |           | 24   | 4.1   | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| cis-1,2-Dichloroethene   | 27     |           | 4.9  | 0.63  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Cyclohexane              | 0.99   | J         | 4.9  | 0.68  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| trans-1,2-Dichloroethene | 1.9    | J         | 4.9  | 0.50  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| Vinyl chloride           | 33     |           | 4.9  | 0.60  | ug/Kg | 1       | ⊗ | 8260C  | Total/NA  |
| 4,4'-DDT                 | 0.74   | J         | 1.9  | 0.20  | ug/Kg | 1       | ⊗ | 8081B  | Total/NA  |
| Aluminum                 | 3380   |           | 63.5 | 5.6   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Arsenic                  | 10.7   | J         | 12.7 | 0.51  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Barium                   | 143    |           | 3.2  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Beryllium                | 0.074  | J         | 1.3  | 0.036 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cadmium                  | 0.051  | J         | 1.3  | 0.038 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Calcium                  | 597    |           | 317  | 4.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Chromium                 | 18.1   |           | 3.2  | 0.25  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Cobalt                   | 6.4    |           | 3.2  | 0.063 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Copper                   | 12.1   |           | 6.3  | 0.27  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Iron                     | 21400  | B         | 63.5 | 1.4   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Lead                     | 1.8    | J         | 6.3  | 0.30  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Magnesium                | 788    |           | 127  | 1.2   | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Manganese                | 1600   |           | 1.3  | 0.041 | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Nickel                   | 17.0   | J         | 31.7 | 0.29  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Potassium                | 895    |           | 190  | 25.4  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Sodium                   | 84.9   | J         | 889  | 16.5  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Vanadium                 | 8.7    |           | 3.2  | 0.14  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |
| Zinc                     | 11.5   | J B       | 12.7 | 0.19  | mg/Kg | 1       | ⊗ | 6010C  | Total/NA  |

### Client Sample ID: TB

### Lab Sample ID: 480-55387-40

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-0-2**

Date Collected: 02/28/14 09:10

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-1**

Matrix: Solid

Percent Solids: 86.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result      | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-------------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 960         | U         | 960  | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| bis (2-chloroisopropyl) ether | 960         | U         | 960  | 100 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,4,5-Trichlorophenol         | 960         | U         | 960  | 210 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,4,6-Trichlorophenol         | 960         | U         | 960  | 63  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,4-Dichlorophenol            | 960         | U         | 960  | 50  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,4-Dimethylphenol            | 960         | U         | 960  | 260 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,4-Dinitrophenol             | 1900        | U         | 1900 | 330 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,4-Dinitrotoluene            | 960         | U         | 960  | 150 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2,6-Dinitrotoluene            | 960         | U         | 960  | 230 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2-Chloronaphthalene           | 960         | U         | 960  | 64  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2-Chlorophenol                | 960         | U         | 960  | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2-Methylphenol                | 960         | U         | 960  | 29  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>2-Methylnaphthalene</b>    | <b>42</b>   | <b>J</b>  | 960  | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2-Nitroaniline                | 1900        | U         | 1900 | 310 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 2-Nitrophenol                 | 960         | U         | 960  | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 3,3'-Dichlorobenzidine        | 960         | U         | 960  | 840 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 3-Nitroaniline                | 1900        | U         | 1900 | 220 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4,6-Dinitro-2-methylphenol    | 1900        | U         | 1900 | 330 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Bromophenyl phenyl ether    | 960         | U         | 960  | 300 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Chloro-3-methylphenol       | 960         | U         | 960  | 39  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Chloroaniline               | 960         | U         | 960  | 280 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Chlorophenyl phenyl ether   | 960         | U         | 960  | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Methylphenol                | 1900        | U         | 1900 | 53  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Nitroaniline                | 1900        | U         | 1900 | 110 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| 4-Nitrophenol                 | 1900        | U         | 1900 | 230 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Acenaphthene</b>           | <b>130</b>  | <b>J</b>  | 960  | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Acenaphthylene</b>         | <b>64</b>   | <b>J</b>  | 960  | 7.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Acetophenone</b>           | <b>66</b>   | <b>J</b>  | 960  | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Anthracene</b>             | <b>320</b>  | <b>J</b>  | 960  | 24  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Atrazine                      | 960         | U         | 960  | 42  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Benzaldehyde                  | 960         | U         | 960  | 100 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Benzo[a]anthracene</b>     | <b>1400</b> |           | 960  | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Benzo[a]pyrene</b>         | <b>1200</b> |           | 960  | 23  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Benzo[b]fluoranthene</b>   | <b>1700</b> |           | 960  | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Benzo[g,h,i]perylene</b>   | <b>680</b>  | <b>J</b>  | 960  | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Benzo[k]fluoranthene</b>   | <b>710</b>  | <b>J</b>  | 960  | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Bis(2-chloroethoxy)methane    | 960         | U         | 960  | 52  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Bis(2-chloroethyl)ether       | 960         | U         | 960  | 82  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Bis(2-ethylhexyl) phthalate   | 960         | U         | 960  | 310 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Butyl benzyl phthalate        | 960         | U         | 960  | 260 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Caprolactam                   | 960         | U *       | 960  | 410 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Carbazole</b>              | <b>150</b>  | <b>J</b>  | 960  | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Chrysene</b>               | <b>1500</b> |           | 960  | 9.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Dibenz(a,h)anthracene         | 960         | U         | 960  | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Di-n-butyl phthalate          | 960         | U         | 960  | 330 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Di-n-octyl phthalate          | 960         | U         | 960  | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Dibenzofuran</b>           | <b>56</b>   | <b>J</b>  | 960  | 9.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| Diethyl phthalate             | 960         | U         | 960  | 29  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |
| <b>Dimethyl phthalate</b>     | <b>180</b>  | <b>J</b>  | 960  | 25  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 15:39 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-0-2**

**Lab Sample ID: 480-55387-1**

Date Collected: 02/28/14 09:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 86.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Fluoranthene                | 2500             |                  | 960           | 14  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Fluorene                    | 91 J             |                  | 960           | 22  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Hexachlorobenzene           | 960 U            |                  | 960           | 47  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Hexachlorobutadiene         | 960 U            |                  | 960           | 49  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Hexachlorocyclopentadiene   | 960 U            |                  | 960           | 290 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Hexachloroethane            | 960 U            |                  | 960           | 74  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Indeno[1,2,3-cd]pyrene      | 570 J            |                  | 960           | 26  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Isophorone                  | 960 U            |                  | 960           | 48  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| N-Nitrosodi-n-propylamine   | 960 U            |                  | 960           | 76  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| N-Nitrosodiphenylamine      | 960 U            |                  | 960           | 52  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Naphthalene                 | 52 J             |                  | 960           | 16  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Nitrobenzene                | 960 U            |                  | 960           | 42  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Pentachlorophenol           | 1900 U           |                  | 1900          | 330 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Phenanthrene                | 1400             |                  | 960           | 20  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Phenol                      | 960 U            |                  | 960           | 100 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Pyrene                      | 2400             |                  | 960           | 6.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 75               |                  | 34 - 132      |     |       |   | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| Phenol-d5 (Surr)            | 85               |                  | 11 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| p-Terphenyl-d14 (Surr)      | 83               |                  | 65 - 153      |     |       |   | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| 2,4,6-Tribromophenol (Surr) | 91               |                  | 39 - 146      |     |       |   | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| 2-Fluorobiphenyl            | 83               |                  | 37 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 15:39  | 5              |
| 2-Fluorophenol (Surr)       | 87               |                  | 18 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 15:39  | 5              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result       | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 9.5 U        |           | 9.5 | 1.8  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| <b>4,4'-DDE</b>        | <b>3.7 J</b> |           | 9.5 | 1.4  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| 4,4'-DDT               | 9.5 U        |           | 9.5 | 0.96 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Aldrin                 | 9.5 U        |           | 9.5 | 2.3  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| alpha-BHC              | 9.5 U        |           | 9.5 | 1.7  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| alpha-Chlordane        | 9.5 U        |           | 9.5 | 4.7  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| beta-BHC               | 9.5 U        |           | 9.5 | 1.0  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| delta-BHC              | 9.5 U        |           | 9.5 | 1.2  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| <b>Dieldrin</b>        | <b>6.2 J</b> |           | 9.5 | 2.3  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Endosulfan I           | 9.5 U        |           | 9.5 | 1.2  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Endosulfan II          | 9.5 U        |           | 9.5 | 1.7  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Endosulfan sulfate     | 9.5 U        |           | 9.5 | 1.8  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Endrin                 | 9.5 U        |           | 9.5 | 1.3  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Endrin aldehyde        | 9.5 U        |           | 9.5 | 2.4  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Endrin ketone          | 9.5 U        |           | 9.5 | 2.3  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| gamma-BHC (Lindane)    | 9.5 U        |           | 9.5 | 1.2  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| <b>gamma-Chlordane</b> | <b>5.3 J</b> |           | 9.5 | 3.0  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Heptachlor             | 9.5 U        |           | 9.5 | 1.5  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Heptachlor epoxide     | 9.5 U        |           | 9.5 | 2.4  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| <b>Methoxychlor</b>    | <b>2.5 J</b> |           | 9.5 | 1.3  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Toxaphene              | 95 U         |           | 95  | 55   | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:35 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-0-2**

Date Collected: 02/28/14 09:10

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-1**

Matrix: Solid

Percent Solids: 86.5

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 | 03/06/14 08:32 | 03/06/14 13:35 | 5       |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 | 03/06/14 08:32 | 03/06/14 13:35 | 5       |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 5760   |           | 59.5 | 5.2   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Antimony  | 5.4    | J         | 89.2 | 0.48  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Arsenic   | 30.3   |           | 11.9 | 0.48  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Barium    | 176    | ^         | 3.0  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Beryllium | 0.25   | J         | 1.2  | 0.033 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Cadmium   | 3.5    |           | 1.2  | 0.036 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Calcium   | 14900  |           | 297  | 3.9   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Chromium  | 68.4   |           | 2.9  | 0.23  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:04 | 1       |
| Cobalt    | 48.0   |           | 3.0  | 0.059 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Copper    | 192    |           | 5.9  | 0.25  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Iron      | 28300  | B         | 58.3 | 1.3   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:04 | 1       |
| Lead      | 242    |           | 5.9  | 0.29  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Magnesium | 7520   |           | 119  | 1.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Manganese | 326    | B         | 1.2  | 0.038 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Nickel    | 40.9   |           | 29.1 | 0.27  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:04 | 1       |
| Potassium | 709    |           | 178  | 23.8  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Selenium  | 39.2   |           | 23.8 | 0.48  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Silver    | 6.1    |           | 3.0  | 0.24  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Sodium    | 133    | J         | 833  | 15.5  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Thallium  | 35.7   | U         | 35.7 | 0.36  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Vanadium  | 17.0   |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |
| Zinc      | 490    | B         | 11.9 | 0.18  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:47 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.37   |           | 0.023 | 0.0094 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:37 | 1       |

**Client Sample ID: LT-T-001-8-10**

Date Collected: 02/28/14 09:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-2**

Matrix: Solid

Percent Solids: 43.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 390    | U         | 390 | 24  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| bis (2-chloroisopropyl) ether | 390    | U         | 390 | 40  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,4,5-Trichlorophenol         | 390    | U         | 390 | 84  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,4,6-Trichlorophenol         | 390    | U         | 390 | 25  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,4-Dichlorophenol            | 390    | U         | 390 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,4-Dimethylphenol            | 390    | U         | 390 | 100 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,4-Dinitrophenol             | 750    | U         | 750 | 130 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,4-Dinitrotoluene            | 390    | U         | 390 | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2,6-Dinitrotoluene            | 390    | U         | 390 | 94  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2-Chloronaphthalene           | 390    | U         | 390 | 26  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2-Chlorophenol                | 390    | U         | 390 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2-Methylphenol                | 390    | U         | 390 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2-Methylnaphthalene           | 16     | J         | 390 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-8-10**

**Lab Sample ID: 480-55387-2**

Date Collected: 02/28/14 09:15

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 43.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Nitroaniline                | 750        | U         | 750 | 120 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 2-Nitrophenol                 | 390        | U         | 390 | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 3,3'-Dichlorobenzidine        | 390        | U         | 390 | 340 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 3-Nitroaniline                | 750        | U         | 750 | 88  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4,6-Dinitro-2-methylphenol    | 750        | U         | 750 | 130 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Bromophenyl phenyl ether    | 390        | U         | 390 | 120 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Chloro-3-methylphenol       | 390        | U         | 390 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Chloroaniline               | 390        | U         | 390 | 110 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Chlorophenyl phenyl ether   | 390        | U         | 390 | 8.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Methylphenol                | 750        | U         | 750 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Nitroaniline                | 750        | U         | 750 | 43  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| 4-Nitrophenol                 | 750        | U         | 750 | 93  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Acenaphthene</b>           | <b>180</b> | <b>J</b>  | 390 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Acenaphthylene                | 390        | U         | 390 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Acetophenone                  | 390        | U         | 390 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Anthracene</b>             | <b>140</b> | <b>J</b>  | 390 | 9.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Atrazine                      | 390        | U         | 390 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Benzaldehyde                  | 390        | U         | 390 | 42  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>210</b> | <b>J</b>  | 390 | 6.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>210</b> | <b>J</b>  | 390 | 9.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>220</b> | <b>J</b>  | 390 | 7.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>170</b> | <b>J</b>  | 390 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>120</b> | <b>J</b>  | 390 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Bis(2-chloroethoxy)methane    | 390        | U         | 390 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Bis(2-chloroethyl)ether       | 390        | U         | 390 | 33  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Bis(2-ethylhexyl) phthalate   | 390        | U         | 390 | 120 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Butyl benzyl phthalate        | 390        | U         | 390 | 100 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Caprolactam                   | 390        | U *       | 390 | 170 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Carbazole                     | 390        | U         | 390 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Chrysene</b>               | <b>190</b> | <b>J</b>  | 390 | 3.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Dibenz(a,h)anthracene</b>  | <b>35</b>  | <b>J</b>  | 390 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Di-n-butyl phthalate          | 390        | U         | 390 | 130 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Di-n-octyl phthalate          | 390        | U         | 390 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Dibenzofuran</b>           | <b>140</b> | <b>J</b>  | 390 | 4.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Diethyl phthalate             | 390        | U         | 390 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Dimethyl phthalate            | 390        | U         | 390 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Fluoranthene</b>           | <b>510</b> |           | 390 | 5.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Fluorene</b>               | <b>160</b> | <b>J</b>  | 390 | 8.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Hexachlorobenzene             | 390        | U         | 390 | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Hexachlorobutadiene           | 390        | U         | 390 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Hexachlorocyclopentadiene     | 390        | U         | 390 | 120 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Hexachloroethane              | 390        | U         | 390 | 30  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>140</b> | <b>J</b>  | 390 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Isophorone                    | 390        | U         | 390 | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| N-Nitrosodi-n-propylamine     | 390        | U         | 390 | 30  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| N-Nitrosodiphenylamine        | 390        | U         | 390 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| <b>Naphthalene</b>            | <b>23</b>  | <b>J</b>  | 390 | 6.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Nitrobenzene                  | 390        | U         | 390 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |
| Pentachlorophenol             | 750        | U         | 750 | 130 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:29 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-8-10**

**Lab Sample ID: 480-55387-2**

Date Collected: 02/28/14 09:15

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 43.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Phenanthrene</b>         | <b>250</b>       | <b>J</b>         | 390           | 8.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| Phenol                      | 390              | U                | 390           | 40  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| <b>Pyrene</b>               | <b>470</b>       |                  | 390           | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 78               |                  | 34 - 132      |     |       |   | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| Phenol-d5 (Surr)            | 86               |                  | 11 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| p-Terphenyl-d14 (Surr)      | 88               |                  | 65 - 153      |     |       |   | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| 2,4,6-Tribromophenol (Surr) | 89               |                  | 39 - 146      |     |       |   | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| 2-Fluorobiphenyl            | 82               |                  | 37 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 18:29  | 1              |
| 2-Fluorophenol (Surr)       | 84               |                  | 18 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 18:29  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                    | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|----------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| 4,4'-DDD                   | 3.8              | U                | 3.8           | 0.73 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>4,4'-DDE</b>            | <b>1.7</b>       | <b>J</b>         | 3.8           | 0.57 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>4,4'-DDT</b>            | <b>1.4</b>       | <b>J B</b>       | 3.8           | 0.38 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Aldrin                     | 3.8              | U                | 3.8           | 0.93 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| alpha-BHC                  | 3.8              | U                | 3.8           | 0.68 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| alpha-Chlordane            | 3.8              | U                | 3.8           | 1.9  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| beta-BHC                   | 3.8              | U                | 3.8           | 0.41 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>delta-BHC</b>           | <b>0.93</b>      | <b>J B</b>       | 3.8           | 0.50 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Dieldrin                   | 3.8              | U                | 3.8           | 0.91 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Endosulfan I               | 3.8              | U                | 3.8           | 0.48 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Endosulfan II              | 3.8              | U                | 3.8           | 0.68 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Endosulfan sulfate         | 3.8              | U                | 3.8           | 0.70 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Endrin                     | 3.8              | U                | 3.8           | 0.52 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Endrin aldehyde            | 3.8              | U                | 3.8           | 0.96 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>Endrin ketone</b>       | <b>1.3</b>       | <b>J</b>         | 3.8           | 0.93 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>gamma-BHC (Lindane)</b> | <b>1.1</b>       | <b>J</b>         | 3.8           | 0.47 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| gamma-Chlordane            | 3.8              | U                | 3.8           | 1.2  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Heptachlor                 | 3.8              | U                | 3.8           | 0.59 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Heptachlor epoxide         | 3.8              | U                | 3.8           | 0.97 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>Methoxychlor</b>        | <b>1.8</b>       | <b>J</b>         | 3.8           | 0.52 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Toxaphene                  | 38               | U                | 38            | 22   | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| <b>Surrogate</b>           | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl     | 100              |                  | 32 - 136      |      |       |   | 03/06/14 08:32  | 03/06/14 14:11  | 1              |
| Tetrachloro-m-xylene       | 70               |                  | 30 - 124      |      |       |   | 03/06/14 08:32  | 03/06/14 14:11  | 1              |

## Method: 6010C - Metals (ICP)

| Analyte          | Result      | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>9770</b> |           | 127  | 11.1  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Antimony         | 190         | U         | 190  | 1.0   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| <b>Arsenic</b>   | <b>11.3</b> | <b>J</b>  | 25.3 | 1.0   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| <b>Barium</b>    | <b>41.2</b> | <b>^</b>  | 6.3  | 0.28  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| <b>Beryllium</b> | <b>0.19</b> | <b>J</b>  | 2.5  | 0.071 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| <b>Cadmium</b>   | <b>0.34</b> | <b>J</b>  | 2.5  | 0.076 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| <b>Calcium</b>   | <b>1510</b> |           | 633  | 8.4   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| <b>Chromium</b>  | <b>23.2</b> |           | 6.0  | 0.48  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:06 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-8-10**

**Lab Sample ID: 480-55387-2**

Date Collected: 02/28/14 09:15

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 43.6

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cobalt    | 6.2    | J         | 6.3  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Copper    | 8.2    | J         | 12.7 | 0.53  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Iron      | 12500  | B         | 119  | 2.6   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:06 | 1       |
| Lead      | 15.9   |           | 12.7 | 0.61  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Magnesium | 3340   |           | 253  | 2.3   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Manganese | 93.6   | B         | 2.5  | 0.081 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Nickel    | 15.9   | J         | 59.7 | 0.55  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:06 | 1       |
| Potassium | 2040   |           | 380  | 50.7  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Selenium  | 9.0    | J         | 50.7 | 1.0   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Silver    | 6.3    | U         | 6.3  | 0.51  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Sodium    | 3020   |           | 1770 | 32.9  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Thallium  | 76.0   | U         | 76.0 | 0.76  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Vanadium  | 21.5   |           | 6.3  | 0.28  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |
| Zinc      | 38.8   | B         | 25.3 | 0.39  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:55 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.042  | U         | 0.042 | 0.017 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:40 | 1       |

**Client Sample ID: LT-T-001-10-12**

**Lab Sample ID: 480-55387-3**

Date Collected: 02/28/14 09:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 74.4

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result    | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 6.5       | U         | 6.5 | 0.47 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | 6.5       | U         | 6.5 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 6.5       | U         | 6.5 | 1.5  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,1,2-Trichloroethane                 | 6.5       | U         | 6.5 | 0.84 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,1-Dichloroethane                    | 6.5       | U         | 6.5 | 0.79 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,1-Dichloroethene                    | 6.5       | U         | 6.5 | 0.79 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2,4-Trichlorobenzene                | 6.5       | U         | 6.5 | 0.39 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2,4-Trimethylbenzene                | 6.5       | U         | 6.5 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 6.5       | U         | 6.5 | 3.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2-Dibromoethane                     | 6.5       | U         | 6.5 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2-Dichlorobenzene                   | 6.5       | U         | 6.5 | 0.51 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2-Dichloroethane                    | 6.5       | U         | 6.5 | 0.32 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,2-Dichloropropane                   | 6.5       | U         | 6.5 | 3.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,3,5-Trimethylbenzene                | 6.5       | U         | 6.5 | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,3-Dichlorobenzene                   | 6.5       | U         | 6.5 | 0.33 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,4-Dichlorobenzene                   | 6.5       | U         | 6.5 | 0.90 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 1,4-Dioxane                           | 260       | U         | 260 | 31   | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 2-Butanone (MEK)                      | 32        | U         | 32  | 2.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 2-Hexanone                            | 32        | U         | 32  | 3.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 32        | U         | 32  | 2.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| <b>Acetone</b>                        | <b>23</b> | <b>J</b>  | 32  | 5.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Benzene                               | 6.5       | U         | 6.5 | 0.32 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Bromodichloromethane                  | 6.5       | U         | 6.5 | 0.87 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Bromoform                             | 6.5       | U         | 6.5 | 3.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Bromomethane                          | 6.5       | U         | 6.5 | 0.58 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-10-12**

**Lab Sample ID: 480-55387-3**

Date Collected: 02/28/14 09:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 74.4

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Carbon disulfide          | 6.6    |           | 6.5 | 3.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Carbon tetrachloride      | 6.5    | U         | 6.5 | 0.63 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Chlorobenzene             | 6.5    | U         | 6.5 | 0.85 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Chloroethane              | 6.5    | U         | 6.5 | 1.5  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Chloroform                | 6.5    | U         | 6.5 | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Chloromethane             | 6.5    | U         | 6.5 | 0.39 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| cis-1,2-Dichloroethene    | 6.5    | U         | 6.5 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| cis-1,3-Dichloropropene   | 6.5    | U *       | 6.5 | 0.93 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Cyclohexane               | 6.5    | U         | 6.5 | 0.90 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Dibromochloromethane      | 6.5    | U         | 6.5 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Dichlorodifluoromethane   | 6.5    | U         | 6.5 | 0.53 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Ethylbenzene              | 6.5    | U         | 6.5 | 0.45 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Isopropylbenzene          | 6.5    | U         | 6.5 | 0.97 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Methyl acetate            | 6.5    | U         | 6.5 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Methyl tert-butyl ether   | 6.5    | U         | 6.5 | 0.63 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Methylcyclohexane         | 6.5    | U         | 6.5 | 0.98 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Methylene Chloride        | 6.5    | U         | 6.5 | 3.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| n-Butylbenzene            | 6.5    | U         | 6.5 | 0.56 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| N-Propylbenzene           | 6.5    | U         | 6.5 | 0.52 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| sec-Butylbenzene          | 6.5    | U         | 6.5 | 0.56 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Styrene                   | 6.5    | U         | 6.5 | 0.32 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| tert-Butylbenzene         | 6.5    | U         | 6.5 | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Tetrachloroethene         | 6.5    | U         | 6.5 | 0.87 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Toluene                   | 6.5    | U         | 6.5 | 0.49 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| trans-1,2-Dichloroethene  | 6.5    | U         | 6.5 | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| trans-1,3-Dichloropropene | 6.5    | U         | 6.5 | 2.8  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Trichloroethene           | 6.5    | U         | 6.5 | 1.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Trichlorofluoromethane    | 6.5    | U         | 6.5 | 0.61 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Vinyl chloride            | 6.5    | U         | 6.5 | 0.79 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Xylenes, Total            | 13     | U         | 13  | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 01:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 119       |           | 64 - 126 | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 126 | 03/02/14 23:44 | 03/03/14 01:43 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 71 - 125 | 03/02/14 23:44 | 03/03/14 01:43 | 1       |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result    | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 230       | U         | 230 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| bis (2-chloroisopropyl) ether | 230       | U         | 230 | 23  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4,5-Trichlorophenol         | 230       | U         | 230 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4,6-Trichlorophenol         | 230       | U         | 230 | 15  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4-Dichlorophenol            | 230       | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4-Dimethylphenol            | 230       | U         | 230 | 61  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4-Dinitrophenol             | 440       | U         | 440 | 79  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4-Dinitrotoluene            | 230       | U         | 230 | 35  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,6-Dinitrotoluene            | 230       | U         | 230 | 55  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2-Chloronaphthalene           | 230       | U         | 230 | 15  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2-Chlorophenol                | 230       | U         | 230 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>2-Methylphenol</b>         | <b>63</b> | <b>J</b>  | 230 | 6.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-10-12**

**Lab Sample ID: 480-55387-3**

**Date Collected: 02/28/14 09:20**

**Matrix: Solid**

**Date Received: 03/01/14 09:00**

**Percent Solids: 74.4**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Methylnaphthalene           | 230          | U         | 230 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2-Nitroaniline                | 440          | U         | 440 | 72  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2-Nitrophenol                 | 230          | U         | 230 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 3,3'-Dichlorobenzidine        | 230          | U         | 230 | 200 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 3-Nitroaniline                | 440          | U         | 440 | 52  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4,6-Dinitro-2-methylphenol    | 440          | U         | 440 | 78  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4-Bromophenyl phenyl ether    | 230          | U         | 230 | 71  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4-Chloro-3-methylphenol       | 230          | U         | 230 | 9.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4-Chloroaniline               | 230          | U         | 230 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4-Chlorophenyl phenyl ether   | 230          | U         | 230 | 4.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>4-Methylphenol</b>         | <b>13 J</b>  |           | 440 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4-Nitroaniline                | 440          | U         | 440 | 25  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 4-Nitrophenol                 | 440          | U         | 440 | 54  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Acenaphthene</b>           | <b>24 J</b>  |           | 230 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Acenaphthylene                | 230          | U         | 230 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Acetophenone                  | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Anthracene</b>             | <b>46 J</b>  |           | 230 | 5.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Atrazine                      | 230          | U         | 230 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Benzaldehyde                  | 230          | U         | 230 | 25  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>100 J</b> |           | 230 | 3.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>100 J</b> |           | 230 | 5.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>100 J</b> |           | 230 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>80 J</b>  |           | 230 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>59 J</b>  |           | 230 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Bis(2-chloroethoxy)methane    | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Bis(2-chloroethyl)ether       | 230          | U         | 230 | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Bis(2-ethylhexyl) phthalate   | 230          | U         | 230 | 72  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Butyl benzyl phthalate        | 230          | U         | 230 | 60  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Caprolactam                   | 230          | U *       | 230 | 97  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Carbazole                     | 230          | U         | 230 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Chrysene</b>               | <b>110 J</b> |           | 230 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Dibenz(a,h)anthracene</b>  | <b>25 J</b>  |           | 230 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Di-n-butyl phthalate          | 230          | U         | 230 | 78  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Di-n-octyl phthalate          | 230          | U         | 230 | 5.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Dibenzofuran</b>           | <b>14 J</b>  |           | 230 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Diethyl phthalate             | 230          | U         | 230 | 6.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Dimethyl phthalate            | 230          | U         | 230 | 5.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Fluoranthene</b>           | <b>290</b>   |           | 230 | 3.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Fluorene</b>               | <b>24 J</b>  |           | 230 | 5.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Hexachlorobenzene             | 230          | U         | 230 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Hexachlorobutadiene           | 230          | U         | 230 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Hexachlorocyclopentadiene     | 230          | U         | 230 | 68  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Hexachloroethane              | 230          | U         | 230 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>65 J</b>  |           | 230 | 6.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Isophorone                    | 230          | U         | 230 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| N-Nitrosodi-n-propylamine     | 230          | U         | 230 | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| N-Nitrosodiphenylamine        | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Naphthalene                   | 230          | U         | 230 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Nitrobenzene                  | 230          | U         | 230 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-10-12**

**Lab Sample ID: 480-55387-3**

Date Collected: 02/28/14 09:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 74.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Pentachlorophenol           | 440        | U         | 440      | 77  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Phenanthrene</b>         | <b>130</b> | <b>J</b>  | 230      | 4.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Phenol                      | 230        | U         | 230      | 24  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| <b>Pyrene</b>               | <b>290</b> |           | 230      | 1.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Surrogate                   | %Recovery  | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 79         |           | 34 - 132 |     |       |   | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| Phenol-d5 (Surr)            | 85         |           | 11 - 120 |     |       |   | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| p-Terphenyl-d14 (Surr)      | 96         |           | 65 - 153 |     |       |   | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2,4,6-Tribromophenol (Surr) | 92         |           | 39 - 146 |     |       |   | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2-Fluorobiphenyl            | 86         |           | 37 - 120 |     |       |   | 03/05/14 07:41 | 03/06/14 18:53 | 1       |
| 2-Fluorophenol (Surr)       | 82         |           | 18 - 120 |     |       |   | 03/05/14 07:41 | 03/06/14 18:53 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 22        | U         | 22       | 4.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| 4,4'-DDE               | 22        | U         | 22       | 3.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| 4,4'-DDT               | 22        | U         | 22       | 2.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Aldrin                 | 22        | U         | 22       | 5.5 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| alpha-BHC              | 22        | U         | 22       | 4.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| alpha-Chlordane        | 22        | U         | 22       | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| beta-BHC               | 22        | U         | 22       | 2.4 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| delta-BHC              | 22        | U         | 22       | 2.9 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Dieldrin               | 22        | U         | 22       | 5.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Endosulfan I           | 22        | U         | 22       | 2.8 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Endosulfan II          | 22        | U         | 22       | 4.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Endosulfan sulfate     | 22        | U         | 22       | 4.1 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Endrin                 | 22        | U         | 22       | 3.1 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Endrin aldehyde        | 22        | U         | 22       | 5.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Endrin ketone          | 22        | U         | 22       | 5.5 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| gamma-BHC (Lindane)    | 22        | U         | 22       | 2.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| gamma-Chlordane        | 22        | U         | 22       | 7.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Heptachlor             | 22        | U         | 22       | 3.5 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Heptachlor epoxide     | 22        | U         | 22       | 5.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Methoxychlor           | 22        | U         | 22       | 3.1 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Toxaphene              | 220       | U         | 220      | 130 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Surrogate              | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 14:28 | 10      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 14:28 | 10      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 5170   |           | 68.3 | 6.0   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Antimony  | 0.81   | J         | 102  | 0.55  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Arsenic   | 7.9    | J         | 13.7 | 0.55  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Barium    | 22.1   | A         | 3.4  | 0.15  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Beryllium | 0.14   | J         | 1.4  | 0.038 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Cadmium   | 0.56   | J         | 1.4  | 0.041 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Calcium   | 3730   |           | 342  | 4.5   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-10-12**

**Lab Sample ID: 480-55387-3**

Date Collected: 02/28/14 09:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 74.4

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Chromium  | 17.4   |           | 3.6  | 0.29  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:17 | 1       |
| Cobalt    | 3.0 J  |           | 3.4  | 0.068 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Copper    | 10.4   |           | 6.8  | 0.29  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Iron      | 9910 B |           | 71.8 | 1.6   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:17 | 1       |
| Lead      | 11.4   |           | 6.8  | 0.33  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Magnesium | 1720   |           | 137  | 1.3   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Manganese | 60.9 B |           | 1.4  | 0.044 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Nickel    | 8.5 J  |           | 35.9 | 0.33  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:17 | 1       |
| Potassium | 867    |           | 205  | 27.3  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Selenium  | 8.7 J  |           | 27.3 | 0.55  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Silver    | 3.4 U  |           | 3.4  | 0.27  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Sodium    | 1010   |           | 956  | 17.8  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Thallium  | 41.0 U |           | 41.0 | 0.41  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Vanadium  | 11.9   |           | 3.4  | 0.15  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |
| Zinc      | 138 B  |           | 13.7 | 0.21  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 21:58 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.047  |           | 0.025 | 0.010 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:42 | 1       |

**Client Sample ID: LT-T-002-0-2**

**Lab Sample ID: 480-55387-4**

Date Collected: 02/28/14 09:30

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 86.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result       | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|------|------|-------|---|----------------|----------------|---------|
| Biphenyl                      | 1900         | U         | 1900 | 120  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| bis (2-chloroisopropyl) ether | 1900         | U         | 1900 | 200  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,4,5-Trichlorophenol         | 1900         | U         | 1900 | 420  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,4,6-Trichlorophenol         | 1900         | U         | 1900 | 130  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,4-Dichlorophenol            | 1900         | U         | 1900 | 100  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,4-Dimethylphenol            | 1900         | U         | 1900 | 520  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,4-Dinitrophenol             | 3700         | U         | 3700 | 670  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,4-Dinitrotoluene            | 1900         | U         | 1900 | 300  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2,6-Dinitrotoluene            | 1900         | U         | 1900 | 470  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2-Chloronaphthalene           | 1900         | U         | 1900 | 130  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2-Chlorophenol                | 1900         | U         | 1900 | 98   | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2-Methylphenol                | 1900         | U         | 1900 | 59   | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>2-Methylnaphthalene</b>    | <b>110 J</b> |           | 1900 | 23   | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2-Nitroaniline                | 3700         | U         | 3700 | 620  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 2-Nitrophenol                 | 1900         | U         | 1900 | 88   | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 3,3'-Dichlorobenzidine        | 1900         | U         | 1900 | 1700 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 3-Nitroaniline                | 3700         | U         | 3700 | 440  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4,6-Dinitro-2-methylphenol    | 3700         | U         | 3700 | 660  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4-Bromophenyl phenyl ether    | 1900         | U         | 1900 | 610  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4-Chloro-3-methylphenol       | 1900         | U         | 1900 | 79   | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4-Chloroaniline               | 1900         | U         | 1900 | 560  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4-Chlorophenyl phenyl ether   | 1900         | U         | 1900 | 41   | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4-Methylphenol                | 3700         | U         | 3700 | 110  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| 4-Nitroaniline                | 3700         | U         | 3700 | 210  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 16:04 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-0-2**

**Date Collected: 02/28/14 09:30**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-4**

**Matrix: Solid**

**Percent Solids: 86.3**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                       | Result      | Qualifier | RL       | MDL | Unit  | D              | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-------------|-----------|----------|-----|-------|----------------|----------------|----------------|---------|
| 4-Nitrophenol                 | 3700        | U         | 3700     | 460 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Acenaphthene                  | 1900        | U         | 1900     | 23  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Acenaphthylene                | 1900        | U         | 1900     | 16  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Acetophenone                  | 1900        | U         | 1900     | 98  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Anthracene</b>             | <b>120</b>  | <b>J</b>  | 1900     | 49  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Atrazine                      | 1900        | U         | 1900     | 85  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Benzaldehyde                  | 1900        | U         | 1900     | 210 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Benzo[a]anthracene</b>     | <b>620</b>  | <b>J</b>  | 1900     | 33  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Benzo[a]pyrene</b>         | <b>590</b>  | <b>J</b>  | 1900     | 46  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Benzo[b]fluoranthene</b>   | <b>810</b>  | <b>J</b>  | 1900     | 37  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Benzo[g,h,i]perylene</b>   | <b>320</b>  | <b>J</b>  | 1900     | 23  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Benzo[k]fluoranthene</b>   | <b>460</b>  | <b>J</b>  | 1900     | 21  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Bis(2-chloroethoxy)methane    | 1900        | U         | 1900     | 100 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Bis(2-chloroethyl)ether       | 1900        | U         | 1900     | 170 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Bis(2-ethylhexyl) phthalate   | 1900        | U         | 1900     | 620 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Butyl benzyl phthalate        | 1900        | U         | 1900     | 510 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Caprolactam                   | 1900        | U *       | 1900     | 830 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Carbazole</b>              | <b>73</b>   | <b>J</b>  | 1900     | 22  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Chrysene</b>               | <b>700</b>  | <b>J</b>  | 1900     | 19  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Dibenz(a,h)anthracene         | 1900        | U         | 1900     | 23  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Di-n-butyl phthalate          | 1900        | U         | 1900     | 660 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Di-n-octyl phthalate          | 1900        | U         | 1900     | 45  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Dibenzofuran                  | 1900        | U         | 1900     | 20  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Diethyl phthalate             | 1900        | U         | 1900     | 58  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Dimethyl phthalate            | 1900        | U         | 1900     | 50  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Fluoranthene</b>           | <b>1100</b> | <b>J</b>  | 1900     | 28  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Fluorene                      | 1900        | U         | 1900     | 44  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Hexachlorobenzene             | 1900        | U         | 1900     | 95  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Hexachlorobutadiene           | 1900        | U         | 1900     | 98  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Hexachlorocyclopentadiene     | 1900        | U         | 1900     | 580 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Hexachloroethane              | 1900        | U         | 1900     | 150 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>280</b>  | <b>J</b>  | 1900     | 53  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Isophorone                    | 1900        | U         | 1900     | 96  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| N-Nitrosodi-n-propylamine     | 1900        | U         | 1900     | 150 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| N-Nitrosodiphenylamine        | 1900        | U         | 1900     | 100 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Naphthalene                   | 1900        | U         | 1900     | 32  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Nitrobenzene                  | 1900        | U         | 1900     | 85  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Pentachlorophenol             | 3700        | U         | 3700     | 660 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Phenanthrene</b>           | <b>590</b>  | <b>J</b>  | 1900     | 40  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Phenol                        | 1900        | U         | 1900     | 200 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| <b>Pyrene</b>                 | <b>1000</b> | <b>J</b>  | 1900     | 12  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 16:04 | 10      |
| Surrogate                     | %Recovery   | Qualifier | Limits   |     |       | Prepared       | Analyzed       | Dil Fac        |         |
| Nitrobenzene-d5 (Surr)        | 73          |           | 34 - 132 |     |       | 03/05/14 07:41 | 03/06/14 16:04 | 10             |         |
| Phenol-d5 (Surr)              | 80          |           | 11 - 120 |     |       | 03/05/14 07:41 | 03/06/14 16:04 | 10             |         |
| p-Terphenyl-d14 (Surr)        | 72          |           | 65 - 153 |     |       | 03/05/14 07:41 | 03/06/14 16:04 | 10             |         |
| 2,4,6-Tribromophenol (Surr)   | 78          |           | 39 - 146 |     |       | 03/05/14 07:41 | 03/06/14 16:04 | 10             |         |
| 2-Fluorobiphenyl              | 77          |           | 37 - 120 |     |       | 03/05/14 07:41 | 03/06/14 16:04 | 10             |         |
| 2-Fluorophenol (Surr)         | 79          |           | 18 - 120 |     |       | 03/05/14 07:41 | 03/06/14 16:04 | 10             |         |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-0-2**

**Lab Sample ID: 480-55387-4**

Date Collected: 02/28/14 09:30

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 86.3

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier  | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|------------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 94        | U          | 94       | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| <b>4,4'-DDE</b>        | <b>27</b> | <b>J</b>   | 94       | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| <b>4,4'-DDT</b>        | <b>51</b> | <b>J B</b> | 94       | 9.6 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Aldrin                 | 94        | U          | 94       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| alpha-BHC              | 94        | U          | 94       | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| alpha-Chlordane        | 94        | U          | 94       | 47  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| beta-BHC               | 94        | U          | 94       | 10  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| delta-BHC              | 94        | U          | 94       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Dieldrin               | 94        | U          | 94       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Endosulfan I           | 94        | U          | 94       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Endosulfan II          | 94        | U          | 94       | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Endosulfan sulfate     | 94        | U          | 94       | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Endrin                 | 94        | U          | 94       | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Endrin aldehyde        | 94        | U          | 94       | 24  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Endrin ketone          | 94        | U          | 94       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| gamma-BHC (Lindane)    | 94        | U          | 94       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| <b>gamma-Chlordane</b> | <b>56</b> | <b>J</b>   | 94       | 30  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Heptachlor             | 94        | U          | 94       | 15  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Heptachlor epoxide     | 94        | U          | 94       | 24  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Methoxychlor           | 94        | U          | 94       | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Toxaphene              | 940       | U          | 940      | 550 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Surrogate              | %Recovery | Qualifier  | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0         | X          | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 14:46 | 50      |
| Tetrachloro-m-xylene   | 0         | X          | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 14:46 | 50      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 7650   |           | 56.2 | 4.9   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Antimony  | 0.89   | J         | 84.3 | 0.45  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Arsenic   | 10.5   | J         | 11.2 | 0.45  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Barium    | 58.6   | ^         | 2.8  | 0.12  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Beryllium | 0.30   | J         | 1.1  | 0.031 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Cadmium   | 0.76   | J         | 1.1  | 0.034 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Calcium   | 7890   |           | 281  | 3.7   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Chromium  | 15.8   |           | 3.0  | 0.24  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:20 | 1       |
| Cobalt    | 6.1    |           | 2.8  | 0.056 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Copper    | 37.1   |           | 5.6  | 0.24  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Iron      | 15300  | B         | 59.9 | 1.3   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:20 | 1       |
| Lead      | 73.1   |           | 5.6  | 0.27  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Magnesium | 4080   |           | 112  | 1.0   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Manganese | 314    | B         | 1.1  | 0.036 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Nickel    | 12.8   | J         | 30.0 | 0.28  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:20 | 1       |
| Potassium | 806    |           | 169  | 22.5  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Selenium  | 2.8    | J         | 22.5 | 0.45  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Silver    | 2.0    | J         | 2.8  | 0.22  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Sodium    | 93.9   | J         | 787  | 14.6  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Thallium  | 33.7   | U         | 33.7 | 0.34  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Vanadium  | 19.4   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |
| Zinc      | 68.2   | B         | 11.2 | 0.17  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:01 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-0-2**

Date Collected: 02/28/14 09:30

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-4**

Matrix: Solid

Percent Solids: 86.3

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.080  |           | 0.021 | 0.0087 | mg/Kg | ☀ | 03/03/14 09:45 | 03/03/14 13:45 | 1       |

**Client Sample ID: LT-T-002-2-4**

Date Collected: 02/28/14 09:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-5**

Matrix: Solid

Percent Solids: 90.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result       | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|------|------|-------|---|----------------|----------------|---------|
| Biphenyl                      | 1900         | U         | 1900 | 110  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| bis (2-chloroisopropyl) ether | 1900         | U         | 1900 | 190  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,4,5-Trichlorophenol         | 1900         | U         | 1900 | 400  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,4,6-Trichlorophenol         | 1900         | U         | 1900 | 120  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,4-Dichlorophenol            | 1900         | U         | 1900 | 97   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,4-Dimethylphenol            | 1900         | U         | 1900 | 500  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,4-Dinitrophenol             | 3600         | U         | 3600 | 650  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,4-Dinitrotoluene            | 1900         | U         | 1900 | 290  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2,6-Dinitrotoluene            | 1900         | U         | 1900 | 450  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2-Chloronaphthalene           | 1900         | U         | 1900 | 120  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2-Chlorophenol                | 1900         | U         | 1900 | 94   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2-Methylphenol                | 1900         | U         | 1900 | 57   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>2-Methylnaphthalene</b>    | <b>77 J</b>  |           | 1900 | 22   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2-Nitroaniline                | 3600         | U         | 3600 | 590  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 2-Nitrophenol                 | 1900         | U         | 1900 | 84   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 3,3'-Dichlorobenzidine        | 1900         | U         | 1900 | 1600 | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 3-Nitroaniline                | 3600         | U         | 3600 | 420  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4,6-Dinitro-2-methylphenol    | 3600         | U         | 3600 | 640  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Bromophenyl phenyl ether    | 1900         | U         | 1900 | 590  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Chloro-3-methylphenol       | 1900         | U         | 1900 | 76   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Chloroaniline               | 1900         | U         | 1900 | 540  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Chlorophenyl phenyl ether   | 1900         | U         | 1900 | 39   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Methylphenol                | 3600         | U         | 3600 | 100  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Nitroaniline                | 3600         | U         | 3600 | 210  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| 4-Nitrophenol                 | 3600         | U         | 3600 | 450  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Acenaphthene</b>           | <b>260 J</b> |           | 1900 | 22   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Acenaphthylene                | 1900         | U         | 1900 | 15   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Acetophenone                  | 1900         | U         | 1900 | 95   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Anthracene</b>             | <b>840 J</b> |           | 1900 | 47   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Atrazine                      | 1900         | U         | 1900 | 82   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Benzaldehyde                  | 1900         | U         | 1900 | 200  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Benzo[a]anthracene</b>     | <b>2400</b>  |           | 1900 | 32   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Benzo[a]pyrene</b>         | <b>1900</b>  |           | 1900 | 44   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Benzo[b]fluoranthene</b>   | <b>2700</b>  |           | 1900 | 36   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Benzo[g,h,i]perylene</b>   | <b>690 J</b> |           | 1900 | 22   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Benzo[k]fluoranthene</b>   | <b>910 J</b> |           | 1900 | 20   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Bis(2-chloroethoxy)methane    | 1900         | U         | 1900 | 100  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Bis(2-chloroethyl)ether       | 1900         | U         | 1900 | 160  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Bis(2-ethylhexyl) phthalate   | 1900         | U         | 1900 | 590  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Butyl benzyl phthalate        | 1900         | U         | 1900 | 500  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| Caprolactam                   | 1900         | U *       | 1900 | 800  | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |
| <b>Carbazole</b>              | <b>200 J</b> |           | 1900 | 21   | ug/Kg | ☀ | 03/05/14 07:41 | 03/06/14 16:29 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-2-4**

**Lab Sample ID: 480-55387-5**

Date Collected: 02/28/14 09:35

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 90.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Chrysene</b>               | <b>2400</b>      |                  | 1900          | 18  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Dibenz(a,h)anthracene         | 1900             | U                | 1900          | 22  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Di-n-butyl phthalate          | 1900             | U                | 1900          | 640 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Di-n-octyl phthalate</b>   | <b>59 J</b>      |                  | 1900          | 43  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Dibenzofuran</b>           | <b>110 J</b>     |                  | 1900          | 19  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Diethyl phthalate             | 1900             | U                | 1900          | 56  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Dimethyl phthalate            | 1900             | U                | 1900          | 48  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Fluoranthene</b>           | <b>4700</b>      |                  | 1900          | 27  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Fluorene</b>               | <b>260 J</b>     |                  | 1900          | 43  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Hexachlorobenzene             | 1900             | U                | 1900          | 92  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Hexachlorobutadiene           | 1900             | U                | 1900          | 94  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Hexachlorocyclopentadiene     | 1900             | U                | 1900          | 560 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Hexachloroethane              | 1900             | U                | 1900          | 140 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>600 J</b>     |                  | 1900          | 51  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Isophorone                    | 1900             | U                | 1900          | 92  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| N-Nitrosodi-n-propylamine     | 1900             | U                | 1900          | 150 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| N-Nitrosodiphenylamine        | 1900             | U                | 1900          | 100 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Naphthalene</b>            | <b>95 J</b>      |                  | 1900          | 31  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Nitrobenzene                  | 1900             | U                | 1900          | 82  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Pentachlorophenol             | 3600             | U                | 3600          | 630 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Phenanthrene</b>           | <b>4300</b>      |                  | 1900          | 39  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Phenol                        | 1900             | U                | 1900          | 190 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Pyrene</b>                 | <b>4900</b>      |                  | 1900          | 12  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 84               |                  | 34 - 132      |     |       |   | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| Phenol-d5 (Surr)              | 88               |                  | 11 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| p-Terphenyl-d14 (Surr)        | 80               |                  | 65 - 153      |     |       |   | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| 2,4,6-Tribromophenol (Surr)   | 71               |                  | 39 - 146      |     |       |   | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| 2-Fluorobiphenyl              | 86               |                  | 37 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 16:29  | 10             |
| 2-Fluorophenol (Surr)         | 89               |                  | 18 - 120      |     |       |   | 03/05/14 07:41  | 03/06/14 16:29  | 10             |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result        | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|---------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| <b>4,4'-DDD</b>     | <b>19 J</b>   |           | 92 | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| <b>4,4'-DDE</b>     | <b>33 J</b>   |           | 92 | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| <b>4,4'-DDT</b>     | <b>40 J B</b> |           | 92 | 9.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Aldrin              | 92            | U         | 92 | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| alpha-BHC           | 92            | U         | 92 | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| alpha-Chlordane     | 92            | U         | 92 | 46  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| beta-BHC            | 92            | U         | 92 | 9.9 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| <b>delta-BHC</b>    | <b>23 J B</b> |           | 92 | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Dieldrin            | 92            | U         | 92 | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Endosulfan I        | 92            | U         | 92 | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Endosulfan II       | 92            | U         | 92 | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Endosulfan sulfate  | 92            | U         | 92 | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Endrin              | 92            | U         | 92 | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Endrin aldehyde     | 92            | U         | 92 | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| Endrin ketone       | 92            | U         | 92 | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |
| gamma-BHC (Lindane) | 92            | U         | 92 | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 15:03 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-2-4**

**Lab Sample ID: 480-55387-5**

Date Collected: 02/28/14 09:35

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 90.0

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| gamma-Chlordane        | 30               | J                | 92  | 29            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 15:03  | 50             |
| Heptachlor             | 92               | U                | 92  | 14            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 15:03  | 50             |
| Heptachlor epoxide     | 92               | U                | 92  | 24            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 15:03  | 50             |
| Methoxychlor           | 92               | U                | 92  | 13            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 15:03  | 50             |
| Toxaphene              | 920              | U                | 920 | 530           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 15:03  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:32  | 03/06/14 15:03  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:32  | 03/06/14 15:03  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 4770   |           | 53.2 | 4.7   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Antimony  | 2.2    | J         | 79.8 | 0.43  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Arsenic   | 19.8   |           | 10.6 | 0.43  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Barium    | 48.4   | ^         | 2.7  | 0.12  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Beryllium | 0.21   | J         | 1.1  | 0.030 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Cadmium   | 1.4    |           | 1.1  | 0.032 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Calcium   | 13300  |           | 266  | 3.5   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Chromium  | 15.7   |           | 3.0  | 0.24  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:23 | 1       |
| Cobalt    | 12.7   |           | 2.7  | 0.053 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Copper    | 69.5   |           | 5.3  | 0.22  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Iron      | 10300  | B         | 60.6 | 1.3   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:23 | 1       |
| Lead      | 106    |           | 5.3  | 0.26  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Magnesium | 3810   |           | 106  | 0.99  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Manganese | 195    | B         | 1.1  | 0.034 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Nickel    | 13.7   | J         | 30.3 | 0.28  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:23 | 1       |
| Potassium | 663    |           | 160  | 21.3  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Selenium  | 8.6    | J         | 21.3 | 0.43  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Silver    | 2.9    |           | 2.7  | 0.21  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Sodium    | 149    | J         | 745  | 13.8  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Thallium  | 31.9   | U         | 31.9 | 0.32  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Vanadium  | 16.3   |           | 2.7  | 0.12  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |
| Zinc      | 97.3   | B         | 10.6 | 0.16  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:04 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.11   |           | 0.021 | 0.0084 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:46 | 1       |

**Client Sample ID: LT-T-002-12-14**

**Lab Sample ID: 480-55387-6**

Date Collected: 02/28/14 09:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 78.5

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 5.8    | U         | 5.8 | 0.42 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | 5.8    | U         | 5.8 | 0.94 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.8    | U         | 5.8 | 1.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,1,2-Trichloroethane                 | 5.8    | U         | 5.8 | 0.75 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,1-Dichloroethane                    | 5.8    | U         | 5.8 | 0.71 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-12-14**

**Lab Sample ID: 480-55387-6**

Date Collected: 02/28/14 09:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 78.5

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte                     | Result     | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethene          | 5.8        | U         | 5.8 | 0.71 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2,4-Trichlorobenzene      | 5.8        | U         | 5.8 | 0.35 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2,4-Trimethylbenzene      | 5.8        | U         | 5.8 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2-Dibromo-3-Chloropropane | 5.8        | U         | 5.8 | 2.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2-Dibromoethane           | 5.8        | U         | 5.8 | 0.74 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2-Dichlorobenzene         | 5.8        | U         | 5.8 | 0.45 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2-Dichloroethane          | 5.8        | U         | 5.8 | 0.29 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,2-Dichloropropane         | 5.8        | U         | 5.8 | 2.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,3,5-Trimethylbenzene      | 5.8        | U         | 5.8 | 0.37 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,3-Dichlorobenzene         | 5.8        | U         | 5.8 | 0.30 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,4-Dichlorobenzene         | 5.8        | U         | 5.8 | 0.81 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 1,4-Dioxane                 | 230        | U         | 230 | 28   | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 2-Butanone (MEK)            | 29         | U         | 29  | 2.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 2-Hexanone                  | 29         | U         | 29  | 2.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| 4-Methyl-2-pentanone (MIBK) | 29         | U         | 29  | 1.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| <b>Acetone</b>              | <b>8.8</b> | <b>J</b>  | 29  | 4.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Benzene                     | 5.8        | U         | 5.8 | 0.28 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Bromodichloromethane        | 5.8        | U         | 5.8 | 0.78 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Bromoform                   | 5.8        | U         | 5.8 | 2.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Bromomethane                | 5.8        | U         | 5.8 | 0.52 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Carbon disulfide            | 5.8        | U         | 5.8 | 2.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Carbon tetrachloride        | 5.8        | U         | 5.8 | 0.56 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Chlorobenzene               | 5.8        | U         | 5.8 | 0.76 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Chloroethane                | 5.8        | U         | 5.8 | 1.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Chloroform                  | 5.8        | U         | 5.8 | 0.36 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Chloromethane               | 5.8        | U         | 5.8 | 0.35 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| cis-1,2-Dichloroethene      | 5.8        | U         | 5.8 | 0.74 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| cis-1,3-Dichloropropene     | 5.8        | U         | 5.8 | 0.83 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Cyclohexane                 | 5.8        | U         | 5.8 | 0.81 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Dibromochloromethane        | 5.8        | U         | 5.8 | 0.74 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Dichlorodifluoromethane     | 5.8        | U         | 5.8 | 0.48 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Ethylbenzene                | 5.8        | U         | 5.8 | 0.40 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Isopropylbenzene            | 5.8        | U         | 5.8 | 0.87 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Methyl acetate              | 5.8        | U         | 5.8 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Methyl tert-butyl ether     | 5.8        | U         | 5.8 | 0.57 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Methylcyclohexane           | 5.8        | U         | 5.8 | 0.88 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Methylene Chloride          | 5.8        | U         | 5.8 | 2.7  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| n-Butylbenzene              | 5.8        | U         | 5.8 | 0.50 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| N-Propylbenzene             | 5.8        | U         | 5.8 | 0.46 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| sec-Butylbenzene            | 5.8        | U         | 5.8 | 0.50 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Styrene                     | 5.8        | U         | 5.8 | 0.29 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| tert-Butylbenzene           | 5.8        | U         | 5.8 | 0.60 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Tetrachloroethene           | 5.8        | U         | 5.8 | 0.78 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Toluene                     | 5.8        | U         | 5.8 | 0.44 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| trans-1,2-Dichloroethene    | 5.8        | U         | 5.8 | 0.60 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| trans-1,3-Dichloropropene   | 5.8        | U         | 5.8 | 2.5  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Trichloroethene             | 5.8        | U         | 5.8 | 1.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Trichlorofluoromethane      | 5.8        | U         | 5.8 | 0.55 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |
| Vinyl chloride              | 5.8        | U         | 5.8 | 0.71 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 14:43 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-12-14**

**Lab Sample ID: 480-55387-6**

Date Collected: 02/28/14 09:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 78.5

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| Xylenes, Total               | 12               | U                | 12            | 0.97 | ug/Kg | ⊗ | 03/03/14 11:17  | 03/03/14 14:43  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 102              |                  | 64 - 126      |      |       |   | 03/03/14 11:17  | 03/03/14 14:43  | 1              |
| 4-Bromofluorobenzene (Surr)  | 90               |                  | 72 - 126      |      |       |   | 03/03/14 11:17  | 03/03/14 14:43  | 1              |
| Toluene-d8 (Surr)            | 93               |                  | 71 - 125      |      |       |   | 03/03/14 11:17  | 03/03/14 14:43  | 1              |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 210          | U         | 210 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| bis (2-chloroisopropyl) ether | 210          | U         | 210 | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,4,5-Trichlorophenol         | 210          | U         | 210 | 46  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,4,6-Trichlorophenol         | 210          | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,4-Dichlorophenol            | 210          | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,4-Dimethylphenol            | 210          | U         | 210 | 57  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,4-Dinitrophenol             | 410          | U         | 410 | 74  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,4-Dinitrotoluene            | 210          | U         | 210 | 33  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2,6-Dinitrotoluene            | 210          | U         | 210 | 52  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2-Chloronaphthalene           | 210          | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2-Chlorophenol                | 210          | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2-Methylphenol                | 210          | U         | 210 | 6.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2-Methylnaphthalene           | 210          | U         | 210 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2-Nitroaniline                | 410          | U         | 410 | 68  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 2-Nitrophenol                 | 210          | U         | 210 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 3,3'-Dichlorobenzidine        | 210          | U         | 210 | 190 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 3-Nitroaniline                | 410          | U         | 410 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4,6-Dinitro-2-methylphenol    | 410          | U         | 410 | 73  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Bromophenyl phenyl ether    | 210          | U         | 210 | 67  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Chloro-3-methylphenol       | 210          | U         | 210 | 8.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Chloroaniline               | 210          | U         | 210 | 62  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Chlorophenyl phenyl ether   | 210          | U         | 210 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Methylphenol                | 410          | U         | 410 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Nitroaniline                | 410          | U         | 410 | 24  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| 4-Nitrophenol                 | 410          | U         | 410 | 51  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Acenaphthene</b>           | <b>7.0 J</b> |           | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Acenaphthylene                | 210          | U         | 210 | 1.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Acetophenone                  | 210          | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Anthracene</b>             | <b>42 J</b>  |           | 210 | 5.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Atrazine                      | 210          | U         | 210 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Benzaldehyde                  | 210          | U         | 210 | 23  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>18 J</b>  |           | 210 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>10 J</b>  |           | 210 | 5.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>12 J</b>  |           | 210 | 4.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>11 J</b>  |           | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>7.0 J</b> |           | 210 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Bis(2-chloroethoxy)methane    | 210          | U         | 210 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Bis(2-chloroethyl)ether       | 210          | U         | 210 | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Bis(2-ethylhexyl) phthalate   | 210          | U         | 210 | 68  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Butyl benzyl phthalate        | 210          | U         | 210 | 57  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Caprolactam                   | 210          | U *       | 210 | 92  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-12-14**

**Lab Sample ID: 480-55387-6**

Date Collected: 02/28/14 09:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 78.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Carbazole                     | 210        | U         | 210 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Chrysene</b>               | <b>14</b>  | <b>J</b>  | 210 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Dibenz(a,h)anthracene         | 210        | U         | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Di-n-butyl phthalate          | 210        | U         | 210 | 73  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Di-n-octyl phthalate          | 210        | U         | 210 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Dibenzofuran                  | 210        | U         | 210 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Diethyl phthalate             | 210        | U         | 210 | 6.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Dimethyl phthalate            | 210        | U         | 210 | 5.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Fluoranthene</b>           | <b>49</b>  | <b>J</b>  | 210 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Fluorene</b>               | <b>20</b>  | <b>J</b>  | 210 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Hexachlorobenzene             | 210        | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Hexachlorobutadiene           | 210        | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Hexachlorocyclopentadiene     | 210        | U         | 210 | 64  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Hexachloroethane              | 210        | U         | 210 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>9.4</b> | <b>J</b>  | 210 | 5.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Isophorone                    | 210        | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| N-Nitrosodi-n-propylamine     | 210        | U         | 210 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| N-Nitrosodiphenylamine        | 210        | U         | 210 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Naphthalene                   | 210        | U         | 210 | 3.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Nitrobenzene                  | 210        | U         | 210 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Pentachlorophenol             | 410        | U         | 410 | 73  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Phenanthrene</b>           | <b>86</b>  | <b>J</b>  | 210 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| Phenol                        | 210        | U         | 210 | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |
| <b>Pyrene</b>                 | <b>38</b>  | <b>J</b>  | 210 | 1.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:17 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result      | Qualifier  | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|-------------|------------|-----|------|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | 2.1         | U          | 2.1 | 0.41 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| <b>4,4'-DDE</b>    | <b>0.69</b> | <b>J</b>   | 2.1 | 0.31 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| <b>4,4'-DDT</b>    | <b>0.83</b> | <b>J</b>   | 2.1 | 0.21 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Aldrin             | 2.1         | U          | 2.1 | 0.51 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| alpha-BHC          | 2.1         | U          | 2.1 | 0.38 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| alpha-Chlordane    | 2.1         | U          | 2.1 | 1.0  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| beta-BHC           | 2.1         | U          | 2.1 | 0.23 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| <b>delta-BHC</b>   | <b>0.64</b> | <b>J B</b> | 2.1 | 0.28 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Dieldrin           | 2.1         | U          | 2.1 | 0.50 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Endosulfan I       | 2.1         | U          | 2.1 | 0.26 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Endosulfan II      | 2.1         | U          | 2.1 | 0.38 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Endosulfan sulfate | 2.1         | U          | 2.1 | 0.39 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Endrin             | 2.1         | U          | 2.1 | 0.29 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Endrin aldehyde    | 2.1         | U          | 2.1 | 0.53 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |
| Endrin ketone      | 2.1         | U          | 2.1 | 0.51 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 16:43 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-002-12-14**

**Lab Sample ID: 480-55387-6**

Date Collected: 02/28/14 09:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 78.5

**Method: 8081B - Organochlorine Pesticides (GC) (Continued)**

| Analyte                | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| gamma-BHC (Lindane)    | 2.1              | U                | 2.1           | 0.26 | ug/Kg | ⊗ | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| gamma-Chlordane        | 2.1              | U                | 2.1           | 0.66 | ug/Kg | ⊗ | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| Heptachlor             | 2.1              | U                | 2.1           | 0.33 | ug/Kg | ⊗ | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| Heptachlor epoxide     | 2.1              | U                | 2.1           | 0.54 | ug/Kg | ⊗ | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| <b>Methoxychlor</b>    | <b>0.64</b>      | <b>J</b>         | 2.1           | 0.29 | ug/Kg | ⊗ | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| Toxaphene              | 21               | U                | 21            | 12   | ug/Kg | ⊗ | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 97               |                  | 32 - 136      |      |       |   | 03/05/14 07:33  | 03/05/14 16:43  | 1              |
| Tetrachloro-m-xylene   | 77               |                  | 30 - 124      |      |       |   | 03/05/14 07:33  | 03/05/14 16:43  | 1              |

**Method: 6010C - Metals (ICP)**

| Analyte          | Result      | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>6140</b> |           | 62.2 | 5.5   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| Antimony         | 93.3        | U         | 93.3 | 0.50  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Arsenic</b>   | <b>3.1</b>  | <b>J</b>  | 12.4 | 0.50  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Barium</b>    | <b>13.5</b> | <b>^</b>  | 3.1  | 0.14  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Beryllium</b> | <b>0.20</b> | <b>J</b>  | 1.2  | 0.035 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Cadmium</b>   | <b>0.12</b> | <b>J</b>  | 1.2  | 0.037 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Calcium</b>   | <b>311</b>  |           | 311  | 4.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Chromium</b>  | <b>14.2</b> |           | 3.4  | 0.27  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:26 | 1       |
| <b>Cobalt</b>    | <b>3.7</b>  |           | 3.1  | 0.062 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Copper</b>    | <b>11.6</b> |           | 6.2  | 0.26  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Iron</b>      | <b>9550</b> | <b>B</b>  | 67.2 | 1.5   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:26 | 1       |
| <b>Lead</b>      | <b>7.0</b>  |           | 6.2  | 0.30  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Magnesium</b> | <b>1680</b> |           | 124  | 1.2   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Manganese</b> | <b>81.2</b> | <b>B</b>  | 1.2  | 0.040 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Nickel</b>    | <b>8.4</b>  | <b>J</b>  | 33.6 | 0.31  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:26 | 1       |
| <b>Potassium</b> | <b>1210</b> |           | 187  | 24.9  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Selenium</b>  | <b>2.1</b>  | <b>J</b>  | 24.9 | 0.50  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| Silver           | 3.1         | U         | 3.1  | 0.25  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Sodium</b>    | <b>567</b>  | <b>J</b>  | 871  | 16.2  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| Thallium         | 37.3        | U         | 37.3 | 0.37  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Vanadium</b>  | <b>22.1</b> |           | 3.1  | 0.14  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |
| <b>Zinc</b>      | <b>26.9</b> | <b>B</b>  | 12.4 | 0.19  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:07 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.025  | U         | 0.025 | 0.010 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:48 | 1       |

**Client Sample ID: LT-T-004-0-2**

**Lab Sample ID: 480-55387-7**

Date Collected: 02/28/14 10:00

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 87.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 190    | U         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| bis (2-chloroisopropyl) ether | 190    | U         | 190 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2,4,5-Trichlorophenol         | 190    | U         | 190 | 42  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2,4,6-Trichlorophenol         | 190    | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-0-2**

**Lab Sample ID: 480-55387-7**

Date Collected: 02/28/14 10:00

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 87.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                      | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,4-Dichlorophenol           | 190          | U         | 190 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2,4-Dimethylphenol           | 190          | U         | 190 | 52  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2,4-Dinitrophenol            | 370          | U         | 370 | 67  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2,4-Dinitrotoluene           | 190          | U         | 190 | 30  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2,6-Dinitrotoluene           | 190          | U         | 190 | 47  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2-Chloronaphthalene          | 190          | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2-Chlorophenol               | 190          | U         | 190 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2-Methylphenol               | 190          | U         | 190 | 5.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>2-Methylnaphthalene</b>   | <b>11 J</b>  |           | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2-Nitroaniline               | 370          | U         | 370 | 61  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 2-Nitrophenol                | 190          | U         | 190 | 8.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 3,3'-Dichlorobenzidine       | 190          | U         | 190 | 170 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 3-Nitroaniline               | 370          | U         | 370 | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4,6-Dinitro-2-methylphenol   | 370          | U         | 370 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Bromophenyl phenyl ether   | 190          | U         | 190 | 61  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Chloro-3-methylphenol      | 190          | U         | 190 | 7.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Chloroaniline              | 190          | U         | 190 | 56  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Chlorophenyl phenyl ether  | 190          | U         | 190 | 4.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Methylphenol               | 370          | U         | 370 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Nitroaniline               | 370          | U         | 370 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| 4-Nitrophenol                | 370          | U         | 370 | 46  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Acenaphthene</b>          | <b>9.0 J</b> |           | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Acenaphthylene</b>        | <b>29 J</b>  |           | 190 | 1.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Acetophenone</b>          | <b>32 J</b>  |           | 190 | 9.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Anthracene</b>            | <b>56 J</b>  |           | 190 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Atrazine                     | 190          | U         | 190 | 8.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Benzaldehyde                 | 190          | U         | 190 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Benzo[a]anthracene</b>    | <b>570</b>   |           | 190 | 3.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Benzo[a]pyrene</b>        | <b>620</b>   |           | 190 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Benzo[b]fluoranthene</b>  | <b>950</b>   |           | 190 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Benzo[g,h,i]perylene</b>  | <b>320</b>   |           | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Benzo[k]fluoranthene</b>  | <b>330</b>   |           | 190 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Bis(2-chloroethoxy)methane   | 190          | U         | 190 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Bis(2-chloroethyl)ether      | 190          | U         | 190 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Bis(2-ethylhexyl) phthalate  | 190          | U         | 190 | 61  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Butyl benzyl phthalate       | 190          | U         | 190 | 51  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Caprolactam                  | 190          | U *       | 190 | 83  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Carbazole</b>             | <b>23 J</b>  |           | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Chrysene</b>              | <b>640</b>   |           | 190 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Dibenz(a,h)anthracene</b> | <b>94 J</b>  |           | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Di-n-butyl phthalate         | 190          | U         | 190 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Di-n-octyl phthalate         | 190          | U         | 190 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Dibenzofuran</b>          | <b>5.6 J</b> |           | 190 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Diethyl phthalate            | 190          | U         | 190 | 5.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Dimethyl phthalate           | 190          | U         | 190 | 5.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| <b>Fluoranthene</b>          | <b>760</b>   |           | 190 | 2.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Fluorene                     | 190          | U         | 190 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Hexachlorobenzene            | 190          | U         | 190 | 9.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |
| Hexachlorobutadiene          | 190          | U         | 190 | 9.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 19:41 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-0-2**

**Lab Sample ID: 480-55387-7**

Date Collected: 02/28/14 10:00

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 87.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| Hexachlorocyclopentadiene     | 190              | U                | 190 | 58            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| Hexachloroethane              | 190              | U                | 190 | 15            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>280</b>       |                  | 190 | 5.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| Isophorone                    | 190              | U                | 190 | 9.5           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| N-Nitrosodi-n-propylamine     | 190              | U                | 190 | 15            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| N-Nitrosodiphenylamine        | 190              | U                | 190 | 10            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| <b>Naphthalene</b>            | <b>14</b>        | <b>J</b>         | 190 | 3.2           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| Nitrobenzene                  | 190              | U                | 190 | 8.5           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| Pentachlorophenol             | 370              | U                | 370 | 65            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| <b>Phenanthrene</b>           | <b>230</b>       |                  | 190 | 4.0           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| Phenol                        | 190              | U                | 190 | 20            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| <b>Pyrene</b>                 | <b>690</b>       |                  | 190 | 1.2           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 88               |                  |     | 34 - 132      |       |   | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| Phenol-d5 (Surr)              | 93               |                  |     | 11 - 120      |       |   | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| p-Terphenyl-d14 (Surr)        | 87               |                  |     | 65 - 153      |       |   | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| 2,4,6-Tribromophenol (Surr)   | 91               |                  |     | 39 - 146      |       |   | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| 2-Fluorobiphenyl              | 91               |                  |     | 37 - 120      |       |   | 03/05/14 07:41  | 03/06/14 19:41  | 1              |
| 2-Fluorophenol (Surr)         | 91               |                  |     | 18 - 120      |       |   | 03/05/14 07:41  | 03/06/14 19:41  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| 4,4'-DDD               | 95               | U                | 95  | 18            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>4,4'-DDE</b>        | <b>26</b>        | <b>J</b>         | 95  | 14            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>4,4'-DDT</b>        | <b>54</b>        | <b>J B</b>       | 95  | 9.6           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Aldrin                 | 95               | U                | 95  | 23            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| alpha-BHC              | 95               | U                | 95  | 17            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| alpha-Chlordane        | 95               | U                | 95  | 47            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| beta-BHC               | 95               | U                | 95  | 10            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>delta-BHC</b>       | <b>24</b>        | <b>J B</b>       | 95  | 12            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>Dieldrin</b>        | <b>33</b>        | <b>J</b>         | 95  | 23            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Endosulfan I           | 95               | U                | 95  | 12            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Endosulfan II          | 95               | U                | 95  | 17            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Endosulfan sulfate     | 95               | U                | 95  | 18            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Endrin                 | 95               | U                | 95  | 13            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Endrin aldehyde        | 95               | U                | 95  | 24            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Endrin ketone          | 95               | U                | 95  | 23            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| gamma-BHC (Lindane)    | 95               | U                | 95  | 12            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>gamma-Chlordane</b> | <b>30</b>        | <b>J</b>         | 95  | 30            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Heptachlor             | 95               | U                | 95  | 15            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Heptachlor epoxide     | 95               | U                | 95  | 24            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>Methoxychlor</b>    | <b>65</b>        | <b>J</b>         | 95  | 13            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Toxaphene              | 950              | U                | 950 | 550           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:32  | 03/06/14 16:14  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:32  | 03/06/14 16:14  | 50             |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-0-2**

**Lab Sample ID: 480-55387-7**

Date Collected: 02/28/14 10:00

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 87.5

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 7360   |           | 59.9 | 5.3   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Antimony  | 58.7   | J         | 89.8 | 0.48  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Arsenic   | 60.8   |           | 12.0 | 0.48  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Barium    | 56.6   | ^         | 3.0  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Beryllium | 0.30   | J         | 1.2  | 0.034 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Cadmium   | 3.7    |           | 1.2  | 0.036 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Calcium   | 2540   |           | 299  | 4.0   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Chromium  | 13.5   |           | 2.9  | 0.23  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:29 | 1       |
| Cobalt    | 9.9    |           | 3.0  | 0.060 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Copper    | 77.7   |           | 6.0  | 0.25  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Iron      | 89800  | B         | 291  | 6.4   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/11/14 15:21 | 5       |
| Lead      | 91.4   |           | 6.0  | 0.29  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Magnesium | 2790   |           | 120  | 1.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Manganese | 2040   | B         | 1.2  | 0.038 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Nickel    | 23.1   | J         | 29.1 | 0.27  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:29 | 1       |
| Potassium | 1050   |           | 180  | 24.0  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Selenium  | 5.4    | J         | 24.0 | 0.48  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Silver    | 1.5    | J         | 3.0  | 0.24  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Sodium    | 93.6   | J         | 838  | 15.6  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Thallium  | 35.9   | U         | 35.9 | 0.36  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Vanadium  | 18.1   |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |
| Zinc      | 219    | B         | 12.0 | 0.18  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:09 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.43   |           | 0.021 | 0.0086 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:54 | 1       |

**Client Sample ID: LT-T-004-4-6**

**Lab Sample ID: 480-55387-8**

Date Collected: 02/28/14 10:05

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 82.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| bis (2-chloroisopropyl) ether | 200    | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4,5-Trichlorophenol         | 200    | U         | 200 | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4,6-Trichlorophenol         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4-Dichlorophenol            | 200    | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4-Dimethylphenol            | 200    | U         | 200 | 54  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4-Dinitrophenol             | 390    | U         | 390 | 71  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4-Dinitrotoluene            | 200    | U         | 200 | 31  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,6-Dinitrotoluene            | 200    | U         | 200 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Chloronaphthalene           | 200    | U         | 200 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Chlorophenol                | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Methylphenol                | 200    | U         | 200 | 6.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Methylnaphthalene           | 200    | U         | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Nitroaniline                | 390    | U         | 390 | 65  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Nitrophenol                 | 200    | U         | 200 | 9.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 3,3'-Dichlorobenzidine        | 200    | U         | 200 | 180 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 3-Nitroaniline                | 390    | U         | 390 | 46  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-4-6**

**Date Collected: 02/28/14 10:05**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-8**

**Matrix: Solid**

**Percent Solids: 82.3**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,6-Dinitro-2-methylphenol    | 390          | U         | 390 | 70  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Bromophenyl phenyl ether    | 200          | U         | 200 | 64  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Chloro-3-methylphenol       | 200          | U         | 200 | 8.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Chloroaniline               | 200          | U         | 200 | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Chlorophenyl phenyl ether   | 200          | U         | 200 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Methylphenol                | 390          | U         | 390 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Nitroaniline                | 390          | U         | 390 | 23  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 4-Nitrophenol                 | 390          | U         | 390 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Acenaphthene</b>           | <b>12 J</b>  |           | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Acenaphthylene</b>         | <b>21 J</b>  |           | 200 | 1.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Acetophenone                  | 200          | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Anthracene</b>             | <b>42 J</b>  |           | 200 | 5.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Atrazine                      | 200          | U         | 200 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Benzaldehyde                  | 200          | U         | 200 | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>240</b>   |           | 200 | 3.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>230</b>   |           | 200 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>330</b>   |           | 200 | 3.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>140 J</b> |           | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>110 J</b> |           | 200 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Bis(2-chloroethoxy)methane    | 200          | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Bis(2-chloroethyl)ether       | 200          | U         | 200 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Bis(2-ethylhexyl) phthalate   | 200          | U         | 200 | 65  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Butyl benzyl phthalate        | 200          | U         | 200 | 54  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Caprolactam                   | 200          | U *       | 200 | 87  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Carbazole</b>              | <b>16 J</b>  |           | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Chrysene</b>               | <b>270</b>   |           | 200 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Dibenz(a,h)anthracene</b>  | <b>43 J</b>  |           | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Di-n-butyl phthalate          | 200          | U         | 200 | 70  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Di-n-octyl phthalate          | 200          | U         | 200 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Dibenzofuran</b>           | <b>6.8 J</b> |           | 200 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Diethyl phthalate             | 200          | U         | 200 | 6.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Dimethyl phthalate            | 200          | U         | 200 | 5.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Fluoranthene</b>           | <b>380</b>   |           | 200 | 2.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Fluorene</b>               | <b>9.8 J</b> |           | 200 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Hexachlorobenzene             | 200          | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Hexachlorobutadiene           | 200          | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Hexachlorocyclopentadiene     | 200          | U         | 200 | 61  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Hexachloroethane              | 200          | U         | 200 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>120 J</b> |           | 200 | 5.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Isophorone                    | 200          | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| N-Nitrosodi-n-propylamine     | 200          | U         | 200 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| N-Nitrosodiphenylamine        | 200          | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Naphthalene                   | 200          | U         | 200 | 3.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Nitrobenzene                  | 200          | U         | 200 | 8.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Pentachlorophenol             | 390          | U         | 390 | 69  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Phenanthrene</b>           | <b>210</b>   |           | 200 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Phenol                        | 200          | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| <b>Pyrene</b>                 | <b>400</b>   |           | 200 | 1.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 20:06 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-4-6**

**Date Collected: 02/28/14 10:05**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-8**

**Matrix: Solid**

**Percent Solids: 82.3**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr)      | 87        |           | 34 - 132 | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| Phenol-d5 (Surr)            | 92        |           | 11 - 120 | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| p-Terphenyl-d14 (Surr)      | 92        |           | 65 - 153 | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2,4,6-Tribromophenol (Surr) | 103       |           | 39 - 146 | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Fluorobiphenyl            | 92        |           | 37 - 120 | 03/05/14 07:41 | 03/06/14 20:06 | 1       |
| 2-Fluorophenol (Surr)       | 89        |           | 18 - 120 | 03/05/14 07:41 | 03/06/14 20:06 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result        | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 40            | U         | 40       | 7.8 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| 4,4'-DDE               | 40            | U         | 40       | 6.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| <b>4,4'-DDT</b>        | <b>14 J B</b> |           | 40       | 4.1 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Aldrin                 | 40            | U         | 40       | 9.9 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| alpha-BHC              | 40            | U         | 40       | 7.2 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| alpha-Chlordane        | 40            | U         | 40       | 20  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| beta-BHC               | 40            | U         | 40       | 4.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| delta-BHC              | 40            | U         | 40       | 5.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Dieldrin               | 40            | U         | 40       | 9.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Endosulfan I           | 40            | U         | 40       | 5.1 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Endosulfan II          | 40            | U         | 40       | 7.2 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Endosulfan sulfate     | 40            | U         | 40       | 7.5 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Endrin                 | 40            | U         | 40       | 5.6 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Endrin aldehyde        | 40            | U         | 40       | 10  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Endrin ketone          | 40            | U         | 40       | 9.9 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| gamma-BHC (Lindane)    | 40            | U         | 40       | 5.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| gamma-Chlordane        | 40            | U         | 40       | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Heptachlor             | 40            | U         | 40       | 6.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Heptachlor epoxide     | 40            | U         | 40       | 10  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Methoxychlor           | 40            | U         | 40       | 5.6 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Toxaphene              | 400           | U         | 400      | 230 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Surrogate              | %Recovery     | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0             | X         | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 16:32 | 20      |
| Tetrachloro-m-xylene   | 0             | X         | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 16:32 | 20      |

## Method: 6010C - Metals (ICP)

| Analyte          | Result         | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|----------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>6360</b>    |           | 59.0 | 5.2   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Antimony</b>  | <b>10.2 J</b>  |           | 88.5 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Arsenic</b>   | <b>27.1</b>    |           | 11.8 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Barium</b>    | <b>39.2 ^</b>  |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Beryllium</b> | <b>0.23 J</b>  |           | 1.2  | 0.033 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Cadmium</b>   | <b>1.1 J</b>   |           | 1.2  | 0.035 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Calcium</b>   | <b>1460</b>    |           | 295  | 3.9   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Chromium</b>  | <b>10.9</b>    |           | 3.2  | 0.25  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:32 | 1       |
| <b>Cobalt</b>    | <b>3.7</b>     |           | 3.0  | 0.059 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Copper</b>    | <b>33.3</b>    |           | 5.9  | 0.25  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Iron</b>      | <b>12400 B</b> |           | 63.5 | 1.4   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:32 | 1       |
| <b>Lead</b>      | <b>339</b>     |           | 5.9  | 0.28  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Magnesium</b> | <b>1610</b>    |           | 118  | 1.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| <b>Manganese</b> | <b>745 B</b>   |           | 1.2  | 0.038 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-4-6**

**Lab Sample ID: 480-55387-8**

Date Collected: 02/28/14 10:05

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 82.3

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Nickel    | 6.4    | J         | 31.7 | 0.29 | mg/Kg | ✉ | 03/07/14 07:15 | 03/10/14 18:32 | 1       |
| Potassium | 773    |           | 177  | 23.6 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| Selenium  | 3.1    | J         | 23.6 | 0.47 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| Silver    | 0.54   | J         | 3.0  | 0.24 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| Sodium    | 263    | J         | 826  | 15.3 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| Thallium  | 35.4   | U         | 35.4 | 0.35 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| Vanadium  | 14.8   |           | 3.0  | 0.13 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |
| Zinc      | 104    | B         | 11.8 | 0.18 | mg/Kg | ✉ | 03/03/14 09:45 | 03/04/14 22:12 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.070  |           | 0.023 | 0.0091 | mg/Kg | ✉ | 03/03/14 09:45 | 03/03/14 13:57 | 1       |

**Client Sample ID: LT-T-004-10-12**

**Lab Sample ID: 480-55387-9**

Date Collected: 02/28/14 10:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.0

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result    | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 4.9       | U         | 4.9 | 0.35 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,1,2,2-Tetrachloroethane             | 4.9       | U         | 4.9 | 0.79 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 4.9       | U         | 4.9 | 1.1  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,1,2-Trichloroethane                 | 4.9       | U         | 4.9 | 0.63 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,1-Dichloroethane                    | 4.9       | U         | 4.9 | 0.59 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,1-Dichloroethene                    | 4.9       | U         | 4.9 | 0.59 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2,4-Trichlorobenzene                | 4.9       | U         | 4.9 | 0.30 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2,4-Trimethylbenzene                | 4.9       | U         | 4.9 | 0.93 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 4.9       | U         | 4.9 | 2.4  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2-Dibromoethane                     | 4.9       | U         | 4.9 | 0.62 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2-Dichlorobenzene                   | 4.9       | U         | 4.9 | 0.38 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2-Dichloroethane                    | 4.9       | U         | 4.9 | 0.24 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,2-Dichloropropane                   | 4.9       | U         | 4.9 | 2.4  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,3,5-Trimethylbenzene                | 4.9       | U         | 4.9 | 0.31 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,3-Dichlorobenzene                   | 4.9       | U         | 4.9 | 0.25 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,4-Dichlorobenzene                   | 4.9       | U         | 4.9 | 0.68 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 1,4-Dioxane                           | 190       | U         | 190 | 23   | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 2-Butanone (MEK)                      | 24        | U         | 24  | 1.8  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 2-Hexanone                            | 24        | U         | 24  | 2.4  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 24        | U         | 24  | 1.6  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| <b>Acetone</b>                        | <b>30</b> |           | 24  | 4.1  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Benzene                               | 4.9       | U         | 4.9 | 0.24 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Bromodichloromethane                  | 4.9       | U         | 4.9 | 0.65 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Bromoform                             | 4.9       | U         | 4.9 | 2.4  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Bromomethane                          | 4.9       | U         | 4.9 | 0.44 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Carbon disulfide                      | 4.9       | U         | 4.9 | 2.4  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Carbon tetrachloride                  | 4.9       | U         | 4.9 | 0.47 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Chlorobenzene                         | 4.9       | U         | 4.9 | 0.64 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Chloroethane                          | 4.9       | U         | 4.9 | 1.1  | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Chloroform                            | 4.9       | U         | 4.9 | 0.30 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Chloromethane                         | 4.9       | U         | 4.9 | 0.29 | ug/Kg | ✉ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-10-12**

**Lab Sample ID: 480-55387-9**

Date Collected: 02/28/14 10:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.0

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| cis-1,2-Dichloroethene    | 4.9    | U         | 4.9 | 0.62 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| cis-1,3-Dichloropropene   | 4.9    | U *       | 4.9 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Cyclohexane               | 4.9    | U         | 4.9 | 0.68 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Dibromochloromethane      | 4.9    | U         | 4.9 | 0.62 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Dichlorodifluoromethane   | 4.9    | U         | 4.9 | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Ethylbenzene              | 4.9    | U         | 4.9 | 0.34 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Isopropylbenzene          | 4.9    | U         | 4.9 | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Methyl acetate            | 4.9    | U         | 4.9 | 0.90 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Methyl tert-butyl ether   | 4.9    | U         | 4.9 | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Methylcyclohexane         | 4.9    | U         | 4.9 | 0.74 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Methylene Chloride        | 4.9    | U         | 4.9 | 2.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| n-Butylbenzene            | 4.9    | U         | 4.9 | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| N-Propylbenzene           | 4.9    | U         | 4.9 | 0.39 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| sec-Butylbenzene          | 4.9    | U         | 4.9 | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Styrene                   | 4.9    | U         | 4.9 | 0.24 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| tert-Butylbenzene         | 4.9    | U         | 4.9 | 0.51 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Tetrachloroethene         | 4.9    | U         | 4.9 | 0.65 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Toluene                   | 4.9    | U         | 4.9 | 0.37 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| trans-1,2-Dichloroethene  | 4.9    | U         | 4.9 | 0.50 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| trans-1,3-Dichloropropene | 4.9    | U         | 4.9 | 2.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Trichloroethene           | 4.9    | U         | 4.9 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Trichlorofluoromethane    | 4.9    | U         | 4.9 | 0.46 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Vinyl chloride            | 4.9    | U         | 4.9 | 0.59 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Xylenes, Total            | 9.7    | U         | 9.7 | 0.82 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 02:35 | 1       |

## Surrogate

|                              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 122       |           | 64 - 126 | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 72 - 126 | 03/02/14 23:44 | 03/03/14 02:35 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 71 - 125 | 03/02/14 23:44 | 03/03/14 02:35 | 1       |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 210        | U         | 210 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| bis (2-chloroisopropyl) ether | 210        | U         | 210 | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4,5-Trichlorophenol         | 210        | U         | 210 | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4,6-Trichlorophenol         | 210        | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4-Dichlorophenol            | 210        | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4-Dimethylphenol            | 210        | U         | 210 | 56  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4-Dinitrophenol             | 400        | U         | 400 | 72  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4-Dinitrotoluene            | 210        | U         | 210 | 32  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,6-Dinitrotoluene            | 210        | U         | 210 | 51  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Chloronaphthalene           | 210        | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Chlorophenol                | 210        | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Methylphenol                | 210        | U         | 210 | 6.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>2-Methylnaphthalene</b>    | <b>5.2</b> | <b>J</b>  | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Nitroaniline                | 400        | U         | 400 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Nitrophenol                 | 210        | U         | 210 | 9.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 3,3'-Dichlorobenzidine        | 210        | U         | 210 | 180 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 3-Nitroaniline                | 400        | U         | 400 | 48  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4,6-Dinitro-2-methylphenol    | 400        | U         | 400 | 71  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:35 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-10-12**

**Lab Sample ID: 480-55387-9**

Date Collected: 02/28/14 10:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL       | MDL | Unit  | D              | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|----------|-----|-------|----------------|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether    | 210          | U         | 210      | 66  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4-Chloro-3-methylphenol       | 210          | U         | 210      | 8.5 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4-Chloroaniline               | 210          | U         | 210      | 61  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4-Chlorophenyl phenyl ether   | 210          | U         | 210      | 4.4 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4-Methylphenol                | 400          | U         | 400      | 12  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4-Nitroaniline                | 400          | U         | 400      | 23  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 4-Nitrophenol                 | 400          | U         | 400      | 50  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Acenaphthene</b>           | <b>14 J</b>  |           | 210      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Acenaphthylene                | 210          | U         | 210      | 1.7 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Acetophenone                  | 210          | U         | 210      | 11  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Anthracene</b>             | <b>17 J</b>  |           | 210      | 5.3 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Atrazine                      | 210          | U         | 210      | 9.2 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Benzaldehyde                  | 210          | U         | 210      | 23  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>100 J</b> |           | 210      | 3.6 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>92 J</b>  |           | 210      | 5.0 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>100 J</b> |           | 210      | 4.0 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>57 J</b>  |           | 210      | 2.5 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>63 J</b>  |           | 210      | 2.3 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Bis(2-chloroethoxy)methane    | 210          | U         | 210      | 11  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Bis(2-chloroethyl)ether       | 210          | U         | 210      | 18  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Bis(2-ethylhexyl) phthalate   | 210          | U         | 210      | 67  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Butyl benzyl phthalate        | 210          | U         | 210      | 56  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Caprolactam                   | 210          | U *       | 210      | 90  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Carbazole</b>              | <b>6.2 J</b> |           | 210      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Chrysene</b>               | <b>100 J</b> |           | 210      | 2.1 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Dibenz(a,h)anthracene</b>  | <b>34 J</b>  |           | 210      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Di-n-butyl phthalate          | 210          | U         | 210      | 72  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Di-n-octyl phthalate</b>   | <b>23 J</b>  |           | 210      | 4.8 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Dibenzofuran                  | 210          | U         | 210      | 2.2 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Diethyl phthalate             | 210          | U         | 210      | 6.3 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Dimethyl phthalate            | 210          | U         | 210      | 5.4 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Fluoranthene</b>           | <b>100 J</b> |           | 210      | 3.0 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Fluorene</b>               | <b>8.9 J</b> |           | 210      | 4.8 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Hexachlorobenzene             | 210          | U         | 210      | 10  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Hexachlorobutadiene           | 210          | U         | 210      | 11  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Hexachlorocyclopentadiene     | 210          | U         | 210      | 63  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Hexachloroethane              | 210          | U         | 210      | 16  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>53 J</b>  |           | 210      | 5.7 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Isophorone                    | 210          | U         | 210      | 10  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| N-Nitrosodi-n-propylamine     | 210          | U         | 210      | 16  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| N-Nitrosodiphenylamine        | 210          | U         | 210      | 11  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Naphthalene                   | 210          | U         | 210      | 3.4 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Nitrobenzene                  | 210          | U         | 210      | 9.2 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Pentachlorophenol             | 400          | U         | 400      | 71  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Phenanthrene</b>           | <b>52 J</b>  |           | 210      | 4.3 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Phenol                        | 210          | U         | 210      | 22  | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| <b>Pyrene</b>                 | <b>100 J</b> |           | 210      | 1.3 | ug/Kg | ⊗              | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| Surrogate                     | %Recovery    | Qualifier | Limits   |     |       | Prepared       | Analyzed       | Dil Fac        |         |
| Nitrobenzene-d5 (Surr)        | 78           |           | 34 - 132 |     |       | 03/05/14 07:41 | 03/06/14 23:35 | 1              |         |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-10-12**

**Lab Sample ID: 480-55387-9**

Date Collected: 02/28/14 10:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr)            | 82        |           | 11 - 120 | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| p-Terphenyl-d14 (Surr)      | 83        |           | 65 - 153 | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2,4,6-Tribromophenol (Surr) | 90        |           | 39 - 146 | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Fluorobiphenyl            | 82        |           | 37 - 120 | 03/05/14 07:41 | 03/06/14 23:35 | 1       |
| 2-Fluorophenol (Surr)       | 80        |           | 18 - 120 | 03/05/14 07:41 | 03/06/14 23:35 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result     | Qualifier  | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|------------|------------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 41         | U          | 41       | 8.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| 4,4'-DDE               | 41         | U          | 41       | 6.2 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| <b>4,4'-DDT</b>        | <b>14</b>  | <b>J B</b> | 41       | 4.2 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Aldrin                 | 41         | U          | 41       | 10  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| alpha-BHC              | 41         | U          | 41       | 7.4 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| alpha-Chlordane        | 41         | U          | 41       | 20  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| beta-BHC               | 41         | U          | 41       | 4.4 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| <b>delta-BHC</b>       | <b>9.3</b> | <b>J B</b> | 41       | 5.4 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Dieldrin               | 41         | U          | 41       | 9.9 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Endosulfan I           | 41         | U          | 41       | 5.2 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Endosulfan II          | 41         | U          | 41       | 7.4 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Endosulfan sulfate     | 41         | U          | 41       | 7.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Endrin                 | 41         | U          | 41       | 5.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Endrin aldehyde        | 41         | U          | 41       | 10  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Endrin ketone          | 41         | U          | 41       | 10  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| gamma-BHC (Lindane)    | 41         | U          | 41       | 5.1 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| gamma-Chlordane        | 41         | U          | 41       | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Heptachlor             | 41         | U          | 41       | 6.4 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Heptachlor epoxide     | 41         | U          | 41       | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Methoxychlor           | 41         | U          | 41       | 5.7 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Toxaphene              | 410        | U          | 410      | 240 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Surrogate              | %Recovery  | Qualifier  | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0          | X          | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 13:17 | 20      |
| Tetrachloro-m-xylene   | 0          | X          | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 13:17 | 20      |

## Method: 6010C - Metals (ICP)

| Analyte          | Result       | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>5800</b>  |           | 64.4 | 5.7   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Antimony</b>  | <b>0.93</b>  | <b>J</b>  | 96.5 | 0.51  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Arsenic</b>   | <b>4.3</b>   | <b>J</b>  | 12.9 | 0.51  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Barium</b>    | <b>24.8</b>  | <b>^</b>  | 3.2  | 0.14  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Beryllium</b> | <b>0.24</b>  | <b>J</b>  | 1.3  | 0.036 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Cadmium</b>   | <b>0.17</b>  | <b>J</b>  | 1.3  | 0.039 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Calcium</b>   | <b>1430</b>  |           | 322  | 4.2   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Chromium</b>  | <b>12.0</b>  |           | 3.2  | 0.26  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:34 | 1       |
| <b>Cobalt</b>    | <b>3.7</b>   |           | 3.2  | 0.064 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Copper</b>    | <b>8.6</b>   |           | 6.4  | 0.27  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Iron</b>      | <b>12300</b> | <b>B</b>  | 64.6 | 1.4   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:34 | 1       |
| <b>Lead</b>      | <b>29.7</b>  |           | 6.4  | 0.31  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Magnesium</b> | <b>1770</b>  |           | 129  | 1.2   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| <b>Manganese</b> | <b>217</b>   | <b>B</b>  | 1.3  | 0.041 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-004-10-12**

**Lab Sample ID: 480-55387-9**

Date Collected: 02/28/14 10:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.0

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Nickel    | 7.2    | J         | 32.3 | 0.30 | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:34 | 1       |
| Potassium | 1030   |           | 193  | 25.7 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| Selenium  | 0.98   | J         | 25.7 | 0.51 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| Silver    | 3.2    | U         | 3.2  | 0.26 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| Sodium    | 596    | J         | 901  | 16.7 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| Thallium  | 38.6   | U         | 38.6 | 0.39 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| Vanadium  | 16.4   |           | 3.2  | 0.14 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |
| Zinc      | 28.7   | B         | 12.9 | 0.20 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:15 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.059  |           | 0.025 | 0.010 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 13:58 | 1       |

**Client Sample ID: LT-T-003-0-2**

**Lab Sample ID: 480-55387-10**

Date Collected: 02/28/14 10:45

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 94.4

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result     | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 880        | U         | 880  | 54  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| bis (2-chloroisopropyl) ether | 880        | U         | 880  | 91  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4,5-Trichlorophenol         | 880        | U         | 880  | 190 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4,6-Trichlorophenol         | 880        | U         | 880  | 58  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4-Dichlorophenol            | 880        | U         | 880  | 46  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4-Dimethylphenol            | 880        | U         | 880  | 240 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4-Dinitrophenol             | 1700       | U         | 1700 | 310 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4-Dinitrotoluene            | 880        | U         | 880  | 140 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,6-Dinitrotoluene            | 880        | U         | 880  | 210 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Chloronaphthalene           | 880        | U         | 880  | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Chlorophenol                | 880        | U         | 880  | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Methylphenol                | 880        | U         | 880  | 27  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| <b>2-Methylnaphthalene</b>    | <b>35</b>  | <b>J</b>  | 880  | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Nitroaniline                | 1700       | U         | 1700 | 280 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Nitrophenol                 | 880        | U         | 880  | 40  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 3,3'-Dichlorobenzidine        | 880        | U         | 880  | 770 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 3-Nitroaniline                | 1700       | U         | 1700 | 200 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4,6-Dinitro-2-methylphenol    | 1700       | U         | 1700 | 300 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Bromophenyl phenyl ether    | 880        | U         | 880  | 280 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Chloro-3-methylphenol       | 880        | U         | 880  | 36  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Chloroaniline               | 880        | U         | 880  | 260 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Chlorophenyl phenyl ether   | 880        | U         | 880  | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Methylphenol                | 1700       | U         | 1700 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Nitroaniline                | 1700       | U         | 1700 | 98  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 4-Nitrophenol                 | 1700       | U         | 1700 | 210 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| <b>Acenaphthene</b>           | <b>260</b> | <b>J</b>  | 880  | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| <b>Acenaphthylene</b>         | <b>44</b>  | <b>J</b>  | 880  | 7.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Acetophenone                  | 880        | U         | 880  | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| <b>Anthracene</b>             | <b>590</b> | <b>J</b>  | 880  | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Atrazine                      | 880        | U         | 880  | 39  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Benzaldehyde                  | 880        | U         | 880  | 96  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-0-2**

Date Collected: 02/28/14 10:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-10**

Matrix: Solid

Percent Solids: 94.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzo[a]anthracene          | 1400      |           | 880      | 15  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Benzo[a]pyrene              | 1500      |           | 880      | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Benzo[b]fluoranthene        | 1900      |           | 880      | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Benzo[g,h,i]perylene        | 570 J     |           | 880      | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Benzo[k]fluoranthene        | 830 J     |           | 880      | 9.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Bis(2-chloroethoxy)methane  | 880 U     |           | 880      | 48  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Bis(2-chloroethyl)ether     | 880 U     |           | 880      | 76  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Bis(2-ethylhexyl) phthalate | 880 U     |           | 880      | 280 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Butyl benzyl phthalate      | 880 U     |           | 880      | 230 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Caprolactam                 | 880 U *   |           | 880      | 380 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Carbazole                   | 99 J      |           | 880      | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Chrysene                    | 1500      |           | 880      | 8.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Dibenz(a,h)anthracene       | 180 J     |           | 880      | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Di-n-butyl phthalate        | 880 U     |           | 880      | 300 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Di-n-octyl phthalate        | 880 U     |           | 880      | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Dibenzofuran                | 68 J      |           | 880      | 9.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Diethyl phthalate           | 880 U     |           | 880      | 26  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Dimethyl phthalate          | 880 U     |           | 880      | 23  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Fluoranthene                | 3100      |           | 880      | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Fluorene                    | 190 J     |           | 880      | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Hexachlorobenzene           | 880 U     |           | 880      | 43  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Hexachlorobutadiene         | 880 U     |           | 880      | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Hexachlorocyclopentadiene   | 880 U     |           | 880      | 260 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Hexachloroethane            | 880 U     |           | 880      | 68  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Indeno[1,2,3-cd]pyrene      | 480 J     |           | 880      | 24  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Isophorone                  | 880 U     |           | 880      | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| N-Nitrosodi-n-propylamine   | 880 U     |           | 880      | 69  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| N-Nitrosodiphenylamine      | 880 U     |           | 880      | 48  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Naphthalene                 | 52 J      |           | 880      | 15  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Nitrobenzene                | 880 U     |           | 880      | 39  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Pentachlorophenol           | 1700 U    |           | 1700     | 300 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Phenanthrene                | 2300      |           | 880      | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Phenol                      | 880 U     |           | 880      | 92  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Pyrene                      | 2800      |           | 880      | 5.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 83        |           | 34 - 132 |     |       |   | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| Phenol-d5 (Surr)            | 85        |           | 11 - 120 |     |       |   | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| p-Terphenyl-d14 (Surr)      | 71        |           | 65 - 153 |     |       |   | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2,4,6-Tribromophenol (Surr) | 73        |           | 39 - 146 |     |       |   | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Fluorobiphenyl            | 83        |           | 37 - 120 |     |       |   | 03/05/14 07:41 | 03/06/14 23:58 | 5       |
| 2-Fluorophenol (Surr)       | 89        |           | 18 - 120 |     |       |   | 03/05/14 07:41 | 03/06/14 23:58 | 5       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte   | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD  | 19 J   |           | 88 | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:49 | 50      |
| 4,4'-DDE  | 50 J   |           | 88 | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:49 | 50      |
| 4,4'-DDT  | 38 JB  |           | 88 | 9.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:49 | 50      |
| Aldrin    | 88 U   |           | 88 | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:49 | 50      |
| alpha-BHC | 88 U   |           | 88 | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 16:49 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-0-2**

Date Collected: 02/28/14 10:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-10**

Matrix: Solid

Percent Solids: 94.4

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| alpha-Chlordane        | 88               | U                | 88            | 44  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| beta-BHC               | 88               | U                | 88            | 9.5 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| delta-BHC              | 88               | U                | 88            | 12  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Dieldrin               | 88               | U                | 88            | 21  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Endosulfan I           | 88               | U                | 88            | 11  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Endosulfan II          | 88               | U                | 88            | 16  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Endosulfan sulfate     | 88               | U                | 88            | 16  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Endrin                 | 88               | U                | 88            | 12  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Endrin aldehyde        | 88               | U                | 88            | 22  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Endrin ketone          | 88               | U                | 88            | 22  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| gamma-BHC (Lindane)    | 88               | U                | 88            | 11  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| <b>gamma-Chlordane</b> | <b>28</b>        | <b>J</b>         | 88            | 28  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Heptachlor             | 88               | U                | 88            | 14  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Heptachlor epoxide     | 88               | U                | 88            | 23  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Methoxychlor           | 88               | U                | 88            | 12  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Toxaphene              | 880              | U                | 880           | 510 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                | 32 - 136      |     |       |   | 03/06/14 08:32  | 03/06/14 16:49  | 50             |
| Tetrachloro-m-xylene   | 0                | X                | 30 - 124      |     |       |   | 03/06/14 08:32  | 03/06/14 16:49  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 4230   |           | 51.8 | 4.6   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Antimony  | 2.1    | J         | 77.7 | 0.41  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Arsenic   | 10.1   | J         | 10.4 | 0.41  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Barium    | 33.1   | ^         | 2.6  | 0.11  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Beryllium | 0.19   | J         | 1.0  | 0.029 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Cadmium   | 0.74   | J         | 1.0  | 0.031 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Calcium   | 43400  |           | 259  | 3.4   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Chromium  | 15.7   |           | 2.6  | 0.21  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:57 | 1       |
| Cobalt    | 6.5    |           | 2.6  | 0.052 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Copper    | 34.8   |           | 5.2  | 0.22  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Iron      | 10500  | B         | 52.4 | 1.2   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:57 | 1       |
| Lead      | 50.1   |           | 5.2  | 0.25  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Magnesium | 16000  |           | 104  | 0.96  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Manganese | 208    | B         | 1.0  | 0.033 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Nickel    | 10.8   | J         | 26.2 | 0.24  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:57 | 1       |
| Potassium | 650    |           | 155  | 20.7  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Selenium  | 6.0    | J         | 20.7 | 0.41  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Silver    | 1.2    | J         | 2.6  | 0.21  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Sodium    | 211    | J         | 725  | 13.5  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Thallium  | 31.1   | U         | 31.1 | 0.31  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Vanadium  | 13.8   |           | 2.6  | 0.11  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |
| Zinc      | 57.2   | B         | 10.4 | 0.16  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:35 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.15   |           | 0.020 | 0.0083 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:08 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-6-8**

**Date Collected: 02/28/14 10:50**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-11**

**Matrix: Solid**

**Percent Solids: 90.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 190        | U         | 190 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| bis (2-chloroisopropyl) ether | 190        | U         | 190 | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,4,5-Trichlorophenol         | 190        | U         | 190 | 40  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,4,6-Trichlorophenol         | 190        | U         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,4-Dichlorophenol            | 190        | U         | 190 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,4-Dimethylphenol            | 190        | U         | 190 | 50  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,4-Dinitrophenol             | 360        | U         | 360 | 64  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,4-Dinitrotoluene            | 190        | U         | 190 | 29  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2,6-Dinitrotoluene            | 190        | U         | 190 | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2-Chloronaphthalene           | 190        | U         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2-Chlorophenol                | 190        | U         | 190 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2-Methylphenol                | 190        | U         | 190 | 5.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2-Methylnaphthalene           | 190        | U         | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2-Nitroaniline                | 360        | U         | 360 | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 2-Nitrophenol                 | 190        | U         | 190 | 8.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 3,3'-Dichlorobenzidine        | 190        | U         | 190 | 160 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 3-Nitroaniline                | 360        | U         | 360 | 42  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4,6-Dinitro-2-methylphenol    | 360        | U         | 360 | 64  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Bromophenyl phenyl ether    | 190        | U         | 190 | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Chloro-3-methylphenol       | 190        | U         | 190 | 7.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Chloroaniline               | 190        | U         | 190 | 54  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Chlorophenyl phenyl ether   | 190        | U         | 190 | 3.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Methylphenol                | 360        | U         | 360 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Nitroaniline                | 360        | U         | 360 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| 4-Nitrophenol                 | 360        | U         | 360 | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Acenaphthene                  | 190        | U         | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Acenaphthylene                | 190        | U         | 190 | 1.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Acetophenone                  | 190        | U         | 190 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Anthracene                    | 190        | U         | 190 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Atrazine                      | 190        | U         | 190 | 8.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Benzaldehyde                  | 190        | U         | 190 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>15</b>  | <b>J</b>  | 190 | 3.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>15</b>  | <b>J</b>  | 190 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>14</b>  | <b>J</b>  | 190 | 3.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>8.6</b> | <b>J</b>  | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>6.3</b> | <b>J</b>  | 190 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Bis(2-chloroethoxy)methane    | 190        | U         | 190 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Bis(2-chloroethyl)ether       | 190        | U         | 190 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Bis(2-ethylhexyl) phthalate   | 190        | U         | 190 | 59  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Butyl benzyl phthalate        | 190        | U         | 190 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Caprolactam                   | 190        | U *       | 190 | 80  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Carbazole                     | 190        | U         | 190 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| <b>Chrysene</b>               | <b>16</b>  | <b>J</b>  | 190 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Dibenz(a,h)anthracene         | 190        | U         | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Di-n-butyl phthalate          | 190        | U         | 190 | 64  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Di-n-octyl phthalate          | 190        | U         | 190 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Dibenzofuran                  | 190        | U         | 190 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Diethyl phthalate             | 190        | U         | 190 | 5.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |
| Dimethyl phthalate            | 190        | U         | 190 | 4.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:22 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-6-8**

**Date Collected: 02/28/14 10:50**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-11**

**Matrix: Solid**

**Percent Solids: 90.0**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Fluoranthene</b>           | <b>19</b>        | <b>J</b>         | 190           | 2.7 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Fluorene                      | 190              | U                | 190           | 4.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Hexachlorobenzene             | 190              | U                | 190           | 9.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Hexachlorobutadiene           | 190              | U                | 190           | 9.4 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Hexachlorocyclopentadiene     | 190              | U                | 190           | 56  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Hexachloroethane              | 190              | U                | 190           | 14  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>8.0</b>       | <b>J</b>         | 190           | 5.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Isophorone                    | 190              | U                | 190           | 9.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| N-Nitrosodi-n-propylamine     | 190              | U                | 190           | 15  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| N-Nitrosodiphenylamine        | 190              | U                | 190           | 10  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Naphthalene                   | 190              | U                | 190           | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Nitrobenzene                  | 190              | U                | 190           | 8.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Pentachlorophenol             | 360              | U                | 360           | 63  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| <b>Phenanthrene</b>           | <b>15</b>        | <b>J</b>         | 190           | 3.9 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Phenol                        | 190              | U                | 190           | 19  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| <b>Pyrene</b>                 | <b>18</b>        | <b>J</b>         | 190           | 1.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 82               |                  | 34 - 132      |     |       |   | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| Phenol-d5 (Surr)              | 93               |                  | 11 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| p-Terphenyl-d14 (Surr)        | 81               |                  | 65 - 153      |     |       |   | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| 2,4,6-Tribromophenol (Surr)   | 88               |                  | 39 - 146      |     |       |   | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| 2-Fluorobiphenyl              | 92               |                  | 37 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 00:22  | 1              |
| 2-Fluorophenol (Surr)         | 88               |                  | 18 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 00:22  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 91     | U         | 91  | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| 4,4'-DDE            | 91     | U         | 91  | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| 4,4'-DDT            | 91     | U         | 91  | 9.3 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Aldrin              | 91     | U         | 91  | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| alpha-BHC           | 91     | U         | 91  | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| alpha-Chlordane     | 91     | U         | 91  | 45  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| beta-BHC            | 91     | U         | 91  | 9.8 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| delta-BHC           | 91     | U         | 91  | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Dieldrin            | 91     | U         | 91  | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Endosulfan I        | 91     | U         | 91  | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Endosulfan II       | 91     | U         | 91  | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Endosulfan sulfate  | 91     | U         | 91  | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Endrin              | 91     | U         | 91  | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Endrin aldehyde     | 91     | U         | 91  | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Endrin ketone       | 91     | U         | 91  | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| gamma-BHC (Lindane) | 91     | U         | 91  | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| gamma-Chlordane     | 91     | U         | 91  | 29  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Heptachlor          | 91     | U         | 91  | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Heptachlor epoxide  | 91     | U         | 91  | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Methoxychlor        | 91     | U         | 91  | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Toxaphene           | 910    | U         | 910 | 530 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:28 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-6-8**

Date Collected: 02/28/14 10:50

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-11**

Matrix: Solid

Percent Solids: 90.0

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 | 03/06/14 08:32 | 03/06/14 19:28 | 50      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 | 03/06/14 08:32 | 03/06/14 19:28 | 50      |

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 7730   |           | 58.3 | 5.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Antimony  | 1.0    | J         | 87.4 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Arsenic   | 35.1   |           | 11.7 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Barium    | 46.0   | ^         | 2.9  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Beryllium | 0.18   | J         | 1.2  | 0.033 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Cadmium   | 0.21   | J         | 1.2  | 0.035 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Calcium   | 3360   |           | 291  | 3.8   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Chromium  | 39.2   |           | 2.7  | 0.22  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:59 | 1       |
| Cobalt    | 12.4   |           | 2.9  | 0.058 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Copper    | 20.7   |           | 5.8  | 0.24  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Iron      | 17500  | B         | 54.4 | 1.2   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:59 | 1       |
| Lead      | 11.7   |           | 5.8  | 0.28  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Magnesium | 3550   |           | 117  | 1.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Manganese | 188    | B         | 1.2  | 0.037 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Nickel    | 27.6   |           | 27.2 | 0.25  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 18:59 | 1       |
| Potassium | 1640   |           | 175  | 23.3  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Selenium  | 13.3   | J         | 23.3 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Silver    | 2.9    | U         | 2.9  | 0.23  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Sodium    | 279    | J         | 816  | 15.1  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Thallium  | 35.0   | U         | 35.0 | 0.35  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Vanadium  | 18.0   |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |
| Zinc      | 25.3   | B         | 11.7 | 0.18  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:38 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.023  | U         | 0.023 | 0.0092 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:10 | 1       |

**Client Sample ID: LT-T-003-10-12**

Date Collected: 02/28/14 10:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-12**

Matrix: Solid

Percent Solids: 80.6

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 4.6    | U         | 4.6 | 0.34 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,1,2,2-Tetrachloroethane             | 4.6    | U         | 4.6 | 0.75 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 4.6    | U         | 4.6 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,1,2-Trichloroethane                 | 4.6    | U         | 4.6 | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,1-Dichloroethane                    | 4.6    | U         | 4.6 | 0.56 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,1-Dichloroethene                    | 4.6    | U         | 4.6 | 0.57 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2,4-Trichlorobenzene                | 4.6    | U         | 4.6 | 0.28 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2,4-Trimethylbenzene                | 4.6    | U         | 4.6 | 0.89 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 4.6    | U         | 4.6 | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2-Dibromoethane                     | 4.6    | U         | 4.6 | 0.59 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2-Dichlorobenzene                   | 4.6    | U         | 4.6 | 0.36 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2-Dichloroethane                    | 4.6    | U         | 4.6 | 0.23 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |
| 1,2-Dichloropropene                   | 4.6    | U         | 4.6 | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 03:52 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-10-12**

**Lab Sample ID: 480-55387-12**

Date Collected: 02/28/14 10:55

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.6

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte                      | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| 1,3,5-Trimethylbenzene       | 4.6              | U                | 4.6           | 0.30 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 1,3-Dichlorobenzene          | 4.6              | U                | 4.6           | 0.24 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 1,4-Dichlorobenzene          | 4.6              | U                | 4.6           | 0.65 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 1,4-Dioxane                  | 180              | U                | 180           | 22   | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 2-Butanone (MEK)             | 23               | U                | 23            | 1.7  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 2-Hexanone                   | 23               | U                | 23            | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 4-Methyl-2-pentanone (MIBK)  | 23               | U                | 23            | 1.5  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| <b>Acetone</b>               | <b>10</b>        | <b>J</b>         | 23            | 3.9  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Benzene                      | 4.6              | U                | 4.6           | 0.23 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Bromodichloromethane         | 4.6              | U                | 4.6           | 0.62 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Bromoform                    | 4.6              | U                | 4.6           | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Bromomethane                 | 4.6              | U                | 4.6           | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| <b>Carbon disulfide</b>      | <b>4.0</b>       | <b>J</b>         | 4.6           | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Carbon tetrachloride         | 4.6              | U                | 4.6           | 0.45 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Chlorobenzene                | 4.6              | U                | 4.6           | 0.61 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Chloroethane                 | 4.6              | U                | 4.6           | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Chloroform                   | 4.6              | U                | 4.6           | 0.29 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Chloromethane                | 4.6              | U                | 4.6           | 0.28 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| cis-1,2-Dichloroethene       | 4.6              | U                | 4.6           | 0.59 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| cis-1,3-Dichloropropene      | 4.6              | U *              | 4.6           | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Cyclohexane                  | 4.6              | U                | 4.6           | 0.65 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Dibromochloromethane         | 4.6              | U                | 4.6           | 0.59 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Dichlorodifluoromethane      | 4.6              | U                | 4.6           | 0.38 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Ethylbenzene                 | 4.6              | U                | 4.6           | 0.32 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Isopropylbenzene             | 4.6              | U                | 4.6           | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Methyl acetate               | 4.6              | U                | 4.6           | 0.86 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Methyl tert-butyl ether      | 4.6              | U                | 4.6           | 0.45 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Methylcyclohexane            | 4.6              | U                | 4.6           | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Methylene Chloride           | 4.6              | U                | 4.6           | 2.1  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| n-Butylbenzene               | 4.6              | U                | 4.6           | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| N-Propylbenzene              | 4.6              | U                | 4.6           | 0.37 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| sec-Butylbenzene             | 4.6              | U                | 4.6           | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Styrene                      | 4.6              | U                | 4.6           | 0.23 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| tert-Butylbenzene            | 4.6              | U                | 4.6           | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Tetrachloroethene            | 4.6              | U                | 4.6           | 0.62 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Toluene                      | 4.6              | U                | 4.6           | 0.35 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| trans-1,2-Dichloroethene     | 4.6              | U                | 4.6           | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| trans-1,3-Dichloropropene    | 4.6              | U                | 4.6           | 2.0  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Trichloroethene              | 4.6              | U                | 4.6           | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Trichlorofluoromethane       | 4.6              | U                | 4.6           | 0.44 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Vinyl chloride               | 4.6              | U                | 4.6           | 0.56 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Xylenes, Total               | 9.2              | U                | 9.2           | 0.78 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 120              |                  | 64 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| 4-Bromofluorobenzene (Surr)  | 96               |                  | 72 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 03:52  | 1              |
| Toluene-d8 (Surr)            | 103              |                  | 71 - 125      |      |       |   | 03/02/14 23:44  | 03/03/14 03:52  | 1              |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-10-12**

Date Collected: 02/28/14 10:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-12**

Matrix: Solid

Percent Solids: 80.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result    | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 210       | U         | 210 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| bis (2-chloroisopropyl) ether | 210       | U         | 210 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,4,5-Trichlorophenol         | 210       | U         | 210 | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,4,6-Trichlorophenol         | 210       | U         | 210 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,4-Dichlorophenol            | 210       | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,4-Dimethylphenol            | 210       | U         | 210 | 55  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,4-Dinitrophenol             | 400       | U         | 400 | 72  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,4-Dinitrotoluene            | 210       | U         | 210 | 32  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2,6-Dinitrotoluene            | 210       | U         | 210 | 50  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2-Chloronaphthalene           | 210       | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2-Chlorophenol                | 210       | U         | 210 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2-Methylphenol                | 210       | U         | 210 | 6.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2-Methylnaphthalene           | 210       | U         | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2-Nitroaniline                | 400       | U         | 400 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 2-Nitrophenol                 | 210       | U         | 210 | 9.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 3,3'-Dichlorobenzidine        | 210       | U         | 210 | 180 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 3-Nitroaniline                | 400       | U         | 400 | 47  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4,6-Dinitro-2-methylphenol    | 400       | U         | 400 | 71  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Bromophenyl phenyl ether    | 210       | U         | 210 | 65  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Chloro-3-methylphenol       | 210       | U         | 210 | 8.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Chloroaniline               | 210       | U         | 210 | 60  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Chlorophenyl phenyl ether   | 210       | U         | 210 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Methylphenol                | 400       | U         | 400 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Nitroaniline                | 400       | U         | 400 | 23  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| 4-Nitrophenol                 | 400       | U         | 400 | 50  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Acenaphthene                  | 210       | U         | 210 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Acenaphthylene                | 210       | U         | 210 | 1.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Acetophenone                  | 210       | U         | 210 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Anthracene                    | 210       | U         | 210 | 5.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Atrazine                      | 210       | U         | 210 | 9.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Benzaldehyde</b>           | <b>22</b> | <b>J</b>  | 210 | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>23</b> | <b>J</b>  | 210 | 3.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>18</b> | <b>J</b>  | 210 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>24</b> | <b>J</b>  | 210 | 4.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>12</b> | <b>J</b>  | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>13</b> | <b>J</b>  | 210 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Bis(2-chloroethoxy)methane    | 210       | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Bis(2-chloroethyl)ether       | 210       | U         | 210 | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Bis(2-ethylhexyl) phthalate   | 210       | U         | 210 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Butyl benzyl phthalate        | 210       | U         | 210 | 55  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Caprolactam                   | 210       | U *       | 210 | 88  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Carbazole                     | 210       | U         | 210 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| <b>Chrysene</b>               | <b>19</b> | <b>J</b>  | 210 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Dibenz(a,h)anthracene         | 210       | U         | 210 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Di-n-butyl phthalate          | 210       | U         | 210 | 71  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Di-n-octyl phthalate          | 210       | U         | 210 | 4.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Dibenzofuran                  | 210       | U         | 210 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Diethyl phthalate             | 210       | U         | 210 | 6.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |
| Dimethyl phthalate            | 210       | U         | 210 | 5.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 00:46 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-10-12**

**Lab Sample ID: 480-55387-12**

Date Collected: 02/28/14 10:55

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 80.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Fluoranthene</b>           | <b>36 J</b>      |                  | 210 | 3.0           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Fluorene                      | 210 U            |                  | 210 | 4.7           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Hexachlorobenzene             | 210 U            |                  | 210 | 10            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Hexachlorobutadiene           | 210 U            |                  | 210 | 10            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Hexachlorocyclopentadiene     | 210 U            |                  | 210 | 62            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Hexachloroethane              | 210 U            |                  | 210 | 16            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>8.8 J</b>     |                  | 210 | 5.7           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Isophorone                    | 210 U            |                  | 210 | 10            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| N-Nitrosodi-n-propylamine     | 210 U            |                  | 210 | 16            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| N-Nitrosodiphenylamine        | 210 U            |                  | 210 | 11            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Naphthalene                   | 210 U            |                  | 210 | 3.4           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Nitrobenzene                  | 210 U            |                  | 210 | 9.1           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Pentachlorophenol             | 400 U            |                  | 400 | 70            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| <b>Phenanthrene</b>           | <b>21 J</b>      |                  | 210 | 4.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Phenol                        | 210 U            |                  | 210 | 22            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| <b>Pyrene</b>                 | <b>27 J</b>      |                  | 210 | 1.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 87               |                  |     | 34 - 132      |       |   | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| Phenol-d5 (Surr)              | 96               |                  |     | 11 - 120      |       |   | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| p-Terphenyl-d14 (Surr)        | 87               |                  |     | 65 - 153      |       |   | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| 2,4,6-Tribromophenol (Surr)   | 100              |                  |     | 39 - 146      |       |   | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| 2-Fluorobiphenyl              | 94               |                  |     | 37 - 120      |       |   | 03/05/14 07:41  | 03/07/14 00:46  | 1              |
| 2-Fluorophenol (Surr)         | 92               |                  |     | 18 - 120      |       |   | 03/05/14 07:41  | 03/07/14 00:46  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 41 U   |           | 41  | 8.0 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| 4,4'-DDE            | 41 U   |           | 41  | 6.2 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| 4,4'-DDT            | 41 U   |           | 41  | 4.2 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Aldrin              | 41 U   |           | 41  | 10  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| alpha-BHC           | 41 U   |           | 41  | 7.4 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| alpha-Chlordane     | 41 U   |           | 41  | 20  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| beta-BHC            | 41 U   |           | 41  | 4.4 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| delta-BHC           | 41 U   |           | 41  | 5.4 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Dieldrin            | 41 U   |           | 41  | 9.9 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Endosulfan I        | 41 U   |           | 41  | 5.2 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Endosulfan II       | 41 U   |           | 41  | 7.4 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Endosulfan sulfate  | 41 U   |           | 41  | 7.7 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Endrin              | 41 U   |           | 41  | 5.7 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Endrin aldehyde     | 41 U   |           | 41  | 11  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Endrin ketone       | 41 U   |           | 41  | 10  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| gamma-BHC (Lindane) | 41 U   |           | 41  | 5.1 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| gamma-Chlordane     | 41 U   |           | 41  | 13  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Heptachlor          | 41 U   |           | 41  | 6.4 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Heptachlor epoxide  | 41 U   |           | 41  | 11  | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Methoxychlor        | 41 U   |           | 41  | 5.7 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Toxaphene           | 410 U  |           | 410 | 240 | ug/Kg | ⊗ | 03/05/14 07:33 | 03/05/14 17:00 | 20      |

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-003-10-12**

Date Collected: 02/28/14 10:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-12**

Matrix: Solid

Percent Solids: 80.6

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 | 03/05/14 07:33 | 03/05/14 17:00 | 20      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 | 03/05/14 07:33 | 03/05/14 17:00 | 20      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 7230   |           | 58.7 | 5.2   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Antimony  | 0.62   | J         | 88.1 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Arsenic   | 5.6    | J         | 11.7 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Barium    | 23.5   | ^         | 2.9  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Beryllium | 0.096  | J         | 1.2  | 0.033 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Cadmium   | 0.13   | J         | 1.2  | 0.035 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Calcium   | 1060   |           | 294  | 3.9   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Chromium  | 9.5    |           | 3.4  | 0.28  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 19:02 | 1       |
| Cobalt    | 3.6    |           | 2.9  | 0.059 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Copper    | 2.5    | J         | 5.9  | 0.25  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Iron      | 8430   | B         | 68.8 | 1.5   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 19:02 | 1       |
| Lead      | 3.9    | J         | 5.9  | 0.28  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Magnesium | 2040   |           | 117  | 1.1   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Manganese | 116    | B         | 1.2  | 0.038 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Nickel    | 3.5    | J         | 34.4 | 0.32  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 19:02 | 1       |
| Potassium | 610    |           | 176  | 23.5  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Selenium  | 7.3    | J         | 23.5 | 0.47  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Silver    | 2.9    | U         | 2.9  | 0.23  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Sodium    | 326    | J         | 822  | 15.3  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Thallium  | 35.2   | U         | 35.2 | 0.35  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Vanadium  | 18.6   |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |
| Zinc      | 20.5   | B         | 11.7 | 0.18  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:40 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.024  | U         | 0.024 | 0.0095 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:12 | 1       |

**Client Sample ID: LT-T-007-0-2**

Date Collected: 02/28/14 11:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-13**

Matrix: Solid

Percent Solids: 92.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 180    | U         | 180 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| bis (2-chloroisopropyl) ether | 180    | U         | 180 | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4,5-Trichlorophenol         | 180    | U         | 180 | 40  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4,6-Trichlorophenol         | 180    | U         | 180 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4-Dichlorophenol            | 180    | U         | 180 | 9.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4-Dimethylphenol            | 180    | U         | 180 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4-Dinitrophenol             | 350    | U         | 350 | 63  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4-Dinitrotoluene            | 180    | U         | 180 | 28  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,6-Dinitrotoluene            | 180    | U         | 180 | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Chloronaphthalene           | 180    | U         | 180 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Chlorophenol                | 180    | U         | 180 | 9.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Methylphenol                | 180    | U         | 180 | 5.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Methylnaphthalene           | 180    | U         | 180 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-0-2**

**Date Collected: 02/28/14 11:40**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-13**

**Matrix: Solid**

**Percent Solids: 92.8**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Nitroaniline                | 350          | U         | 350 | 58  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Nitrophenol                 | 180          | U         | 180 | 8.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 3,3'-Dichlorobenzidine        | 180          | U         | 180 | 160 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 3-Nitroaniline                | 350          | U         | 350 | 42  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4,6-Dinitro-2-methylphenol    | 350          | U         | 350 | 63  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Bromophenyl phenyl ether    | 180          | U         | 180 | 58  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Chloro-3-methylphenol       | 180          | U         | 180 | 7.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Chloroaniline               | 180          | U         | 180 | 53  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Chlorophenyl phenyl ether   | 180          | U         | 180 | 3.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Methylphenol                | 350          | U         | 350 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Nitroaniline                | 350          | U         | 350 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 4-Nitrophenol                 | 350          | U         | 350 | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Acenaphthene</b>           | <b>15 J</b>  |           | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Acenaphthylene</b>         | <b>32 J</b>  |           | 180 | 1.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Acetophenone                  | 180          | U         | 180 | 9.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Anthracene</b>             | <b>52 J</b>  |           | 180 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Atrazine                      | 180          | U         | 180 | 8.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Benzaldehyde                  | 180          | U         | 180 | 20  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>270</b>   |           | 180 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>260</b>   |           | 180 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>400</b>   |           | 180 | 3.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>130 J</b> |           | 180 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>170 J</b> |           | 180 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Bis(2-chloroethoxy)methane    | 180          | U         | 180 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Bis(2-chloroethyl)ether       | 180          | U         | 180 | 16  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Bis(2-ethylhexyl) phthalate   | 180          | U         | 180 | 58  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Butyl benzyl phthalate        | 180          | U         | 180 | 49  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Caprolactam                   | 180          | U *       | 180 | 78  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Carbazole</b>              | <b>18 J</b>  |           | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Chrysene</b>               | <b>270</b>   |           | 180 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Dibenz(a,h)anthracene</b>  | <b>41 J</b>  |           | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Di-n-butyl phthalate          | 180          | U         | 180 | 63  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Di-n-octyl phthalate          | 180          | U         | 180 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Dibenzofuran</b>           | <b>6.6 J</b> |           | 180 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Diethyl phthalate             | 180          | U         | 180 | 5.5 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Dimethyl phthalate            | 180          | U         | 180 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Fluoranthene</b>           | <b>440</b>   |           | 180 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Fluorene</b>               | <b>13 J</b>  |           | 180 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Hexachlorobenzene             | 180          | U         | 180 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Hexachlorobutadiene           | 180          | U         | 180 | 9.3 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Hexachlorocyclopentadiene     | 180          | U         | 180 | 55  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Hexachloroethane              | 180          | U         | 180 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>110 J</b> |           | 180 | 5.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Isophorone                    | 180          | U         | 180 | 9.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| N-Nitrosodi-n-propylamine     | 180          | U         | 180 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| N-Nitrosodiphenylamine        | 180          | U         | 180 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Naphthalene                   | 180          | U         | 180 | 3.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Nitrobenzene                  | 180          | U         | 180 | 8.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Pentachlorophenol             | 350          | U         | 350 | 62  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-0-2**

Date Collected: 02/28/14 11:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-13**

Matrix: Solid

Percent Solids: 92.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Phenanthrene                | 190       |           | 180      | 3.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Phenol                      | 180       | U         | 180      | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Pyrene                      | 350       |           | 180      | 1.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 89        |           | 34 - 132 |     |       |   | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| Phenol-d5 (Surr)            | 96        |           | 11 - 120 |     |       |   | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| p-Terphenyl-d14 (Surr)      | 83        |           | 65 - 153 |     |       |   | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2,4,6-Tribromophenol (Surr) | 94        |           | 39 - 146 |     |       |   | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Fluorobiphenyl            | 96        |           | 37 - 120 |     |       |   | 03/05/14 07:41 | 03/07/14 01:10 | 1       |
| 2-Fluorophenol (Surr)       | 94        |           | 18 - 120 |     |       |   | 03/05/14 07:41 | 03/07/14 01:10 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier  | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|------------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 88        | U          | 88       | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| 4,4'-DDE               | 88        | U          | 88       | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| <b>4,4'-DDT</b>        | <b>31</b> | <b>J B</b> | 88       | 9.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Aldrin                 | 88        | U          | 88       | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| alpha-BHC              | 88        | U          | 88       | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| alpha-Chlordane        | 88        | U          | 88       | 44  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| beta-BHC               | 88        | U          | 88       | 9.5 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| delta-BHC              | 88        | U          | 88       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Dieldrin               | 88        | U          | 88       | 21  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Endosulfan I           | 88        | U          | 88       | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Endosulfan II          | 88        | U          | 88       | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Endosulfan sulfate     | 88        | U          | 88       | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Endrin                 | 88        | U          | 88       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Endrin aldehyde        | 88        | U          | 88       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Endrin ketone          | 88        | U          | 88       | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| gamma-BHC (Lindane)    | 88        | U          | 88       | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| gamma-Chlordane        | 88        | U          | 88       | 28  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Heptachlor             | 88        | U          | 88       | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Heptachlor epoxide     | 88        | U          | 88       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Methoxychlor           | 88        | U          | 88       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Toxaphene              | 880       | U          | 880      | 510 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Surrogate              | %Recovery | Qualifier  | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0         | X          | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 17:07 | 50      |
| Tetrachloro-m-xylene   | 0         | X          | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 17:07 | 50      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 4150   |           | 49.7 | 4.4   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Antimony  | 1.5    | J         | 74.6 | 0.40  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Arsenic   | 5.2    | J         | 9.9  | 0.40  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Barium    | 23.9   | ^         | 2.5  | 0.11  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Beryllium | 0.16   | J         | 0.99 | 0.028 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Cadmium   | 0.14   | J         | 0.99 | 0.030 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Calcium   | 1600   |           | 249  | 3.3   | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Chromium  | 13.3   |           | 2.5  | 0.20  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 19:05 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-0-2**

Date Collected: 02/28/14 11:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-13**

Matrix: Solid

Percent Solids: 92.8

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cobalt    | 2.5    |           | 2.5  | 0.050 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Copper    | 17.5   |           | 5.0  | 0.21  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Iron      | 9390   | B         | 49.3 | 1.1   | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 19:05 | 1       |
| Lead      | 22.0   |           | 5.0  | 0.24  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Magnesium | 1420   |           | 99.5 | 0.92  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Manganese | 109    | B         | 0.99 | 0.032 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Nickel    | 9.3    | J         | 24.7 | 0.23  | mg/Kg | ⊗ | 03/07/14 07:15 | 03/10/14 19:05 | 1       |
| Potassium | 848    |           | 149  | 19.9  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Selenium  | 1.9    | J         | 19.9 | 0.40  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Silver    | 2.5    | U         | 2.5  | 0.20  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Sodium    | 90.8   | J         | 696  | 12.9  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Thallium  | 29.8   | U         | 29.8 | 0.30  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Vanadium  | 13.3   |           | 2.5  | 0.11  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |
| Zinc      | 25.4   | B         | 9.9  | 0.15  | mg/Kg | ⊗ | 03/03/14 09:45 | 03/04/14 22:43 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.022  |           | 0.022 | 0.0088 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:14 | 1       |

**Client Sample ID: LT-T-007-6-8**

Date Collected: 02/28/14 11:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-14**

Matrix: Solid

Percent Solids: 85.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200    | U         | 200 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| bis (2-chloroisopropyl) ether | 200    | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,4,5-Trichlorophenol         | 200    | U         | 200 | 43  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,4,6-Trichlorophenol         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,4-Dichlorophenol            | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,4-Dimethylphenol            | 200    | U         | 200 | 53  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,4-Dinitrophenol             | 390    | U         | 390 | 69  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,4-Dinitrotoluene            | 200    | U         | 200 | 31  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2,6-Dinitrotoluene            | 200    | U         | 200 | 48  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2-Chloronaphthalene           | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2-Chlorophenol                | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2-Methylphenol                | 200    | U         | 200 | 6.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2-Methylnaphthalene           | 200    | U         | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2-Nitroaniline                | 390    | U         | 390 | 63  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 2-Nitrophenol                 | 200    | U         | 200 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 3,3'-Dichlorobenzidine        | 200    | U         | 200 | 170 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 3-Nitroaniline                | 390    | U         | 390 | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4,6-Dinitro-2-methylphenol    | 390    | U         | 390 | 68  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Bromophenyl phenyl ether    | 200    | U         | 200 | 63  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Chloro-3-methylphenol       | 200    | U         | 200 | 8.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Chloroaniline               | 200    | U         | 200 | 58  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Chlorophenyl phenyl ether   | 200    | U         | 200 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Methylphenol                | 390    | U         | 390 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Nitroaniline                | 390    | U         | 390 | 22  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |
| 4-Nitrophenol                 | 390    | U         | 390 | 48  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:34 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-6-8**

Date Collected: 02/28/14 11:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-14**

Matrix: Solid

Percent Solids: 85.0

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| Acenaphthene                | 4.8 J            |                  | 200 | 2.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Acenaphthylene              | 200 U            |                  | 200 | 1.6           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Acetophenone                | 200 U            |                  | 200 | 10            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Anthracene                  | 14 J             |                  | 200 | 5.1           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Atrazine                    | 200 U            |                  | 200 | 8.8           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Benzaldehyde                | 25 J             |                  | 200 | 22            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Benzo[a]anthracene          | 52 J             |                  | 200 | 3.4           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Benzo[a]pyrene              | 46 J             |                  | 200 | 4.8           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Benzo[b]fluoranthene        | 89 J             |                  | 200 | 3.8           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Benzo[g,h,i]perylene        | 33 J             |                  | 200 | 2.4           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Benzo[k]fluoranthene        | 32 J             |                  | 200 | 2.2           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Bis(2-chloroethoxy)methane  | 200 U            |                  | 200 | 11            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Bis(2-chloroethyl)ether     | 200 U            |                  | 200 | 17            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Bis(2-ethylhexyl) phthalate | 200 U            |                  | 200 | 64            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Butyl benzyl phthalate      | 200 U            |                  | 200 | 53            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Caprolactam                 | 200 U *          |                  | 200 | 86            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Carbazole                   | 200 U            |                  | 200 | 2.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Chrysene                    | 57 J             |                  | 200 | 2.0           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Dibenz(a,h)anthracene       | 12 J             |                  | 200 | 2.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Di-n-butyl phthalate        | 200 U            |                  | 200 | 68            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Di-n-octyl phthalate        | 200 U            |                  | 200 | 4.6           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Dibenzofuran                | 200 U            |                  | 200 | 2.1           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Diethyl phthalate           | 200 U            |                  | 200 | 6.0           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Dimethyl phthalate          | 200 U            |                  | 200 | 5.2           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Fluoranthene                | 92 J             |                  | 200 | 2.9           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Fluorene                    | 200 U            |                  | 200 | 4.6           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Hexachlorobenzene           | 200 U            |                  | 200 | 9.8           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Hexachlorobutadiene         | 200 U            |                  | 200 | 10            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Hexachlorocyclopentadiene   | 200 U            |                  | 200 | 60            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Hexachloroethane            | 200 U            |                  | 200 | 15            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Indeno[1,2,3-cd]pyrene      | 26 J             |                  | 200 | 5.5           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Isophorone                  | 200 U            |                  | 200 | 9.9           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| N-Nitrosodi-n-propylamine   | 200 U            |                  | 200 | 16            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| N-Nitrosodiphenylamine      | 200 U            |                  | 200 | 11            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Naphthalene                 | 200 U            |                  | 200 | 3.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Nitrobenzene                | 200 U            |                  | 200 | 8.8           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Pentachlorophenol           | 390 U            |                  | 390 | 68            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Phenanthrene                | 64 J             |                  | 200 | 4.1           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Phenol                      | 200 U            |                  | 200 | 21            | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Pyrene                      | 82 J             |                  | 200 | 1.3           | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 81               |                  |     | 34 - 132      |       |   | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| Phenol-d5 (Surr)            | 86               |                  |     | 11 - 120      |       |   | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| p-Terphenyl-d14 (Surr)      | 78               |                  |     | 65 - 153      |       |   | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| 2,4,6-Tribromophenol (Surr) | 89               |                  |     | 39 - 146      |       |   | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| 2-Fluorobiphenyl            | 88               |                  |     | 37 - 120      |       |   | 03/05/14 07:41  | 03/07/14 01:34  | 1              |
| 2-Fluorophenol (Surr)       | 82               |                  |     | 18 - 120      |       |   | 03/05/14 07:41  | 03/07/14 01:34  | 1              |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-6-8**

Date Collected: 02/28/14 11:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-14**

Matrix: Solid

Percent Solids: 85.0

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| 4,4'-DDD               | 96               | U                | 96            | 19  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| 4,4'-DDE               | 96               | U                | 96            | 14  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| <b>4,4'-DDT</b>        | <b>32</b>        | <b>J B</b>       | 96            | 9.7 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Aldrin                 | 96               | U                | 96            | 24  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| alpha-BHC              | 96               | U                | 96            | 17  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| alpha-Chlordane        | 96               | U                | 96            | 48  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| beta-BHC               | 96               | U                | 96            | 10  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| delta-BHC              | 96               | U                | 96            | 13  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Dieldrin               | 96               | U                | 96            | 23  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Endosulfan I           | 96               | U                | 96            | 12  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Endosulfan II          | 96               | U                | 96            | 17  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Endosulfan sulfate     | 96               | U                | 96            | 18  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Endrin                 | 96               | U                | 96            | 13  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Endrin aldehyde        | 96               | U                | 96            | 24  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Endrin ketone          | 96               | U                | 96            | 24  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| gamma-BHC (Lindane)    | 96               | U                | 96            | 12  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| gamma-Chlordane        | 96               | U                | 96            | 30  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Heptachlor             | 96               | U                | 96            | 15  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Heptachlor epoxide     | 96               | U                | 96            | 25  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Methoxychlor           | 96               | U                | 96            | 13  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Toxaphene              | 960              | U                | 960           | 560 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                | 32 - 136      |     |       |   | 03/06/14 08:32  | 03/06/14 17:24  | 50             |
| Tetrachloro-m-xylene   | 0                | X                | 30 - 124      |     |       |   | 03/06/14 08:32  | 03/06/14 17:24  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte          | Result       | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>6540</b>  |           | 55.8 | 4.9   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| Antimony         | 83.7         | U         | 83.7 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Arsenic</b>   | <b>3.3</b>   | <b>J</b>  | 11.2 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Barium</b>    | <b>29.5</b>  |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Beryllium</b> | <b>0.28</b>  | <b>J</b>  | 1.1  | 0.031 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Cadmium</b>   | <b>0.087</b> | <b>J</b>  | 1.1  | 0.033 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Calcium</b>   | <b>677</b>   |           | 279  | 3.7   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Chromium</b>  | <b>13.3</b>  |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Cobalt</b>    | <b>3.5</b>   |           | 2.8  | 0.056 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Copper</b>    | <b>7.8</b>   |           | 5.6  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Iron</b>      | <b>11200</b> | <b>B</b>  | 55.8 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Lead</b>      | <b>9.8</b>   |           | 5.6  | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Magnesium</b> | <b>1980</b>  |           | 112  | 1.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Manganese</b> | <b>126</b>   |           | 1.1  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Nickel</b>    | <b>7.9</b>   | <b>J</b>  | 27.9 | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Potassium</b> | <b>1010</b>  |           | 167  | 22.3  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Selenium</b>  | <b>0.48</b>  | <b>J</b>  | 22.3 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| Silver           | 2.8          | U         | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Sodium</b>    | <b>395</b>   | <b>J</b>  | 781  | 14.5  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| Thallium         | 33.5         | U         | 33.5 | 0.33  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Vanadium</b>  | <b>17.1</b>  |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |
| <b>Zinc</b>      | <b>22.2</b>  | <b>B</b>  | 11.2 | 0.17  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:53 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: LT-T-007-6-8

Date Collected: 02/28/14 11:45

Date Received: 03/01/14 09:00

## Lab Sample ID: 480-55387-14

Matrix: Solid

Percent Solids: 85.0

### Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.019  | J         | 0.024 | 0.0097 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:24 | 1       |

## Client Sample ID: LT-T-007-14-16

Date Collected: 02/28/14 11:50

Date Received: 03/01/14 09:00

## Lab Sample ID: 480-55387-15

Matrix: Solid

Percent Solids: 61.9

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result     | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 8.4        | U         | 8.4 | 0.61 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,1,2,2-Tetrachloroethane             | 8.4        | U         | 8.4 | 1.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 8.4        | U         | 8.4 | 1.9  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,1,2-Trichloroethane                 | 8.4        | U         | 8.4 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,1-Dichloroethane                    | 8.4        | U         | 8.4 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,1-Dichloroethene                    | 8.4        | U         | 8.4 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2,4-Trichlorobenzene                | 8.4        | U         | 8.4 | 0.51 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2,4-Trimethylbenzene                | 8.4        | U         | 8.4 | 1.6  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 8.4        | U         | 8.4 | 4.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2-Dibromoethane                     | 8.4        | U         | 8.4 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2-Dichlorobenzene                   | 8.4        | U         | 8.4 | 0.66 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2-Dichloroethane                    | 8.4        | U         | 8.4 | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,2-Dichloropropane                   | 8.4        | U         | 8.4 | 4.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,3,5-Trimethylbenzene                | 8.4        | U         | 8.4 | 0.54 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,3-Dichlorobenzene                   | 8.4        | U         | 8.4 | 0.43 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,4-Dichlorobenzene                   | 8.4        | U         | 8.4 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 1,4-Dioxane                           | 340        | U         | 340 | 41   | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| <b>2-Butanone (MEK)</b>               | <b>32</b>  | <b>J</b>  | 42  | 3.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 2-Hexanone                            | 42         | U         | 42  | 4.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 42         | U         | 42  | 2.8  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| <b>Acetone</b>                        | <b>150</b> |           | 42  | 7.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Benzene                               | 8.4        | U         | 8.4 | 0.41 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Bromodichloromethane                  | 8.4        | U         | 8.4 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Bromoform                             | 8.4        | U         | 8.4 | 4.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Bromomethane                          | 8.4        | U         | 8.4 | 0.76 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| <b>Carbon disulfide</b>               | <b>35</b>  |           | 8.4 | 4.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Carbon tetrachloride                  | 8.4        | U         | 8.4 | 0.82 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Chlorobenzene                         | 8.4        | U         | 8.4 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Chloroethane                          | 8.4        | U         | 8.4 | 1.9  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Chloroform                            | 8.4        | U         | 8.4 | 0.52 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Chloromethane                         | 8.4        | U         | 8.4 | 0.51 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| cis-1,2-Dichloroethene                | 8.4        | U         | 8.4 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| cis-1,3-Dichloropropene               | 8.4        | U *       | 8.4 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Cyclohexane                           | 8.4        | U         | 8.4 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Dibromochloromethane                  | 8.4        | U         | 8.4 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Dichlorodifluoromethane               | 8.4        | U         | 8.4 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Ethylbenzene                          | 8.4        | U         | 8.4 | 0.58 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Isopropylbenzene                      | 8.4        | U         | 8.4 | 1.3  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Methyl acetate                        | 8.4        | U         | 8.4 | 1.6  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Methyl tert-butyl ether               | 8.4        | U         | 8.4 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Methylcyclohexane                     | 8.4        | U         | 8.4 | 1.3  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |
| Methylene Chloride                    | 8.4        | U         | 8.4 | 3.9  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:17 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-14-16**

**Lab Sample ID: 480-55387-15**

Date Collected: 02/28/14 11:50

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 61.9

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| n-Butylbenzene               | 8.4              | U                | 8.4           | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| N-Propylbenzene              | 8.4              | U                | 8.4           | 0.68 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| sec-Butylbenzene             | 8.4              | U                | 8.4           | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Styrene                      | 8.4              | U                | 8.4           | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| tert-Butylbenzene            | 8.4              | U                | 8.4           | 0.88 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Tetrachloroethene            | 8.4              | U                | 8.4           | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Toluene                      | 8.4              | U                | 8.4           | 0.64 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| trans-1,2-Dichloroethene     | 8.4              | U                | 8.4           | 0.87 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| trans-1,3-Dichloropropene    | 8.4              | U                | 8.4           | 3.7  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Trichloroethylene            | 8.4              | U                | 8.4           | 1.9  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Trichlorofluoromethane       | 8.4              | U                | 8.4           | 0.80 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Vinyl chloride               | 8.4              | U                | 8.4           | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Xylenes, Total               | 17               | U                | 17            | 1.4  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 117              |                  | 64 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| 4-Bromofluorobenzene (Surr)  | 95               |                  | 72 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 04:17  | 1              |
| Toluene-d8 (Surr)            | 107              |                  | 71 - 125      |      |       |   | 03/02/14 23:44  | 03/03/14 04:17  | 1              |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result      | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 270         | U         | 270 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| bis (2-chloroisopropyl) ether | 270         | U         | 270 | 28  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,4,5-Trichlorophenol         | 270         | U         | 270 | 58  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,4,6-Trichlorophenol         | 270         | U         | 270 | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,4-Dichlorophenol            | 270         | U         | 270 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,4-Dimethylphenol            | 270         | U         | 270 | 72  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,4-Dinitrophenol             | 520         | U         | 520 | 93  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,4-Dinitrotoluene            | 270         | U         | 270 | 41  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2,6-Dinitrotoluene            | 270         | U         | 270 | 65  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2-Chloronaphthalene           | 270         | U         | 270 | 18  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2-Chlorophenol                | 270         | U         | 270 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2-Methylphenol                | 270         | U         | 270 | 8.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2-Methylnaphthalene           | 270         | U         | 270 | 3.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2-Nitroaniline                | 520         | U         | 520 | 86  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 2-Nitrophenol                 | 270         | U         | 270 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 3,3'-Dichlorobenzidine        | 270         | U         | 270 | 230 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 3-Nitroaniline                | 520         | U         | 520 | 61  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4,6-Dinitro-2-methylphenol    | 520         | U         | 520 | 92  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Bromophenyl phenyl ether    | 270         | U         | 270 | 85  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Chloro-3-methylphenol       | 270         | U         | 270 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Chloroaniline               | 270         | U         | 270 | 78  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Chlorophenyl phenyl ether   | 270         | U         | 270 | 5.7 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Methylphenol                | 520         | U         | 520 | 15  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Nitroaniline                | 520         | U         | 520 | 30  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| 4-Nitrophenol                 | 520         | U         | 520 | 65  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| <b>Acenaphthene</b>           | <b>10 J</b> |           | 270 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| Acenaphthylene                | 270         | U         | 270 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| Acetophenone                  | 270         | U         | 270 | 14  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |
| <b>Anthracene</b>             | <b>15 J</b> |           | 270 | 6.8 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 01:58 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-14-16****Lab Sample ID: 480-55387-15**

Date Collected: 02/28/14 11:50

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 61.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Atrazine                    | 270              | U                | 270           | 12  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Benzaldehyde                | 34               | J                | 270           | 29  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Benzo[a]anthracene          | 60               | J                | 270           | 4.6 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Benzo[a]pyrene              | 48               | J                | 270           | 6.4 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Benzo[b]fluoranthene        | 67               | J                | 270           | 5.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Benzo[g,h,i]perylene        | 28               | J                | 270           | 3.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Benzo[k]fluoranthene        | 36               | J                | 270           | 2.9 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Bis(2-chloroethoxy)methane  | 270              | U                | 270           | 15  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Bis(2-chloroethyl)ether     | 270              | U                | 270           | 23  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Bis(2-ethylhexyl) phthalate | 270              | U                | 270           | 86  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Butyl benzyl phthalate      | 270              | U                | 270           | 72  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Caprolactam                 | 270              | U *              | 270           | 120 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Carbazole                   | 270              | U                | 270           | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Chrysene                    | 58               | J                | 270           | 2.7 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Dibenz(a,h)anthracene       | 14               | J                | 270           | 3.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Di-n-butyl phthalate        | 270              | U                | 270           | 92  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Di-n-octyl phthalate        | 270              | U                | 270           | 6.2 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Dibenzofuran                | 270              | U                | 270           | 2.8 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Diethyl phthalate           | 270              | U                | 270           | 8.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Dimethyl phthalate          | 270              | U                | 270           | 7.0 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Fluoranthene                | 94               | J                | 270           | 3.9 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Fluorene                    | 270              | U                | 270           | 6.1 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Hexachlorobenzene           | 270              | U                | 270           | 13  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Hexachlorobutadiene         | 270              | U                | 270           | 14  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Hexachlorocyclopentadiene   | 270              | U                | 270           | 81  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Hexachloroethane            | 270              | U                | 270           | 21  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Indeno[1,2,3-cd]pyrene      | 23               | J                | 270           | 7.4 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Isophorone                  | 270              | U                | 270           | 13  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| N-Nitrosodi-n-propylamine   | 270              | U                | 270           | 21  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| N-Nitrosodiphenylamine      | 270              | U                | 270           | 15  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Naphthalene                 | 270              | U                | 270           | 4.4 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Nitrobenzene                | 270              | U                | 270           | 12  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Pentachlorophenol           | 520              | U                | 520           | 91  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Phenanthrene                | 46               | J                | 270           | 5.6 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Phenol                      | 270              | U                | 270           | 28  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Pyrene                      | 83               | J                | 270           | 1.7 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 74               |                  | 34 - 132      |     |       |   | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| Phenol-d5 (Surr)            | 79               |                  | 11 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| p-Terphenyl-d14 (Surr)      | 71               |                  | 65 - 153      |     |       |   | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| 2,4,6-Tribromophenol (Surr) | 84               |                  | 39 - 146      |     |       |   | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| 2-Fluorobiphenyl            | 80               |                  | 37 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 01:58  | 1              |
| 2-Fluorophenol (Surr)       | 76               |                  | 18 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 01:58  | 1              |

**Method: 8081B - Organochlorine Pesticides (GC)**

| Analyte  | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD | 130    | U         | 130 | 26  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:42 | 50      |
| 4,4'-DDE | 130    | U         | 130 | 20  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:42 | 50      |
| 4,4'-DDT | 44     | J B       | 130 | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 17:42 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-14-16**

Date Collected: 02/28/14 11:50

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-15**

Matrix: Solid

Percent Solids: 61.9

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Aldrin                 | 130              | U                | 130           | 33  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| alpha-BHC              | 130              | U                | 130           | 24  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| alpha-Chlordane        | 130              | U                | 130           | 67  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| beta-BHC               | 130              | U                | 130           | 14  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| delta-BHC              | 130              | U                | 130           | 18  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Dieldrin               | 130              | U                | 130           | 32  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Endosulfan I           | 130              | U                | 130           | 17  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Endosulfan II          | 130              | U                | 130           | 24  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Endosulfan sulfate     | 130              | U                | 130           | 25  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Endrin                 | 130              | U                | 130           | 18  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Endrin aldehyde        | 130              | U                | 130           | 34  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Endrin ketone          | 130              | U                | 130           | 33  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| gamma-BHC (Lindane)    | 130              | U                | 130           | 17  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| gamma-Chlordane        | 130              | U                | 130           | 42  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Heptachlor             | 130              | U                | 130           | 21  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Heptachlor epoxide     | 130              | U                | 130           | 34  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Methoxychlor           | 130              | U                | 130           | 18  | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Toxaphene              | 1300             | U                | 1300          | 780 | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                | 32 - 136      |     |       |   | 03/06/14 08:32  | 03/06/14 17:42  | 50             |
| Tetrachloro-m-xylene   | 0                | X                | 30 - 124      |     |       |   | 03/06/14 08:32  | 03/06/14 17:42  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte          | Result       | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>9000</b>  |           | 80.4 | 7.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| Antimony         | 121          | U         | 121  | 0.64  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Arsenic</b>   | <b>4.6</b>   | <b>J</b>  | 16.1 | 0.64  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Barium</b>    | <b>27.9</b>  |           | 4.0  | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Beryllium</b> | <b>0.53</b>  | <b>J</b>  | 1.6  | 0.045 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Cadmium</b>   | <b>0.34</b>  | <b>J</b>  | 1.6  | 0.048 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Calcium</b>   | <b>1780</b>  |           | 402  | 5.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Chromium</b>  | <b>20.4</b>  |           | 4.0  | 0.32  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Cobalt</b>    | <b>6.4</b>   |           | 4.0  | 0.080 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Copper</b>    | <b>17.6</b>  |           | 8.0  | 0.34  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Iron</b>      | <b>20200</b> | <b>B</b>  | 80.4 | 1.8   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Lead</b>      | <b>40.7</b>  |           | 8.0  | 0.39  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Magnesium</b> | <b>3450</b>  |           | 161  | 1.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Manganese</b> | <b>253</b>   |           | 1.6  | 0.051 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Nickel</b>    | <b>14.3</b>  | <b>J</b>  | 40.2 | 0.37  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Potassium</b> | <b>1990</b>  |           | 241  | 32.2  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| Selenium         | 32.2         | U         | 32.2 | 0.64  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| Silver           | 4.0          | U         | 4.0  | 0.32  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Sodium</b>    | <b>973</b>   | <b>J</b>  | 1130 | 20.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| Thallium         | 48.3         | U         | 48.3 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Vanadium</b>  | <b>25.3</b>  |           | 4.0  | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |
| <b>Zinc</b>      | <b>51.1</b>  | <b>B</b>  | 16.1 | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:56 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-007-14-16**

Date Collected: 02/28/14 11:50

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-15**

Matrix: Solid

Percent Solids: 61.9

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.063  |           | 0.030 | 0.012 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:26 | 1       |

**Client Sample ID: LT-T-005-0-2**

Date Collected: 02/28/14 12:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-16**

Matrix: Solid

Percent Solids: 83.1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result     | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 1000       | U         | 1000 | 62  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| bis (2-chloroisopropyl) ether | 1000       | U         | 1000 | 100 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,4,5-Trichlorophenol         | 1000       | U         | 1000 | 220 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,4,6-Trichlorophenol         | 1000       | U         | 1000 | 65  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,4-Dichlorophenol            | 1000       | U         | 1000 | 52  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,4-Dimethylphenol            | 1000       | U         | 1000 | 270 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,4-Dinitrophenol             | 1900       | U         | 1900 | 350 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,4-Dinitrotoluene            | 1000       | U         | 1000 | 150 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2,6-Dinitrotoluene            | 1000       | U         | 1000 | 240 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2-Chloronaphthalene           | 1000       | U         | 1000 | 66  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2-Chlorophenol                | 1000       | U         | 1000 | 50  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2-Methylphenol                | 1000       | U         | 1000 | 30  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2-Methylnaphthalene           | 1000       | U         | 1000 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2-Nitroaniline                | 1900       | U         | 1900 | 320 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 2-Nitrophenol                 | 1000       | U         | 1000 | 45  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 3,3'-Dichlorobenzidine        | 1000       | U         | 1000 | 870 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 3-Nitroaniline                | 1900       | U         | 1900 | 230 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4,6-Dinitro-2-methylphenol    | 1900       | U         | 1900 | 340 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Bromophenyl phenyl ether    | 1000       | U         | 1000 | 310 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Chloro-3-methylphenol       | 1000       | U         | 1000 | 41  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Chloroaniline               | 1000       | U         | 1000 | 290 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Chlorophenyl phenyl ether   | 1000       | U         | 1000 | 21  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Methylphenol                | 1900       | U         | 1900 | 55  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Nitroaniline                | 1900       | U         | 1900 | 110 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| 4-Nitrophenol                 | 1900       | U         | 1900 | 240 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Acenaphthene</b>           | <b>20</b>  | <b>J</b>  | 1000 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Acenaphthylene                | 1000       | U         | 1000 | 8.1 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Acetophenone                  | 1000       | U         | 1000 | 51  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Anthracene</b>             | <b>74</b>  | <b>J</b>  | 1000 | 25  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Atrazine                      | 1000       | U         | 1000 | 44  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Benzaldehyde                  | 1000       | U         | 1000 | 110 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Benzo[a]anthracene</b>     | <b>430</b> | <b>J</b>  | 1000 | 17  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Benzo[a]pyrene</b>         | <b>470</b> | <b>J</b>  | 1000 | 24  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Benzo[b]fluoranthene</b>   | <b>690</b> | <b>J</b>  | 1000 | 19  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Benzo[g,h,i]perylene</b>   | <b>290</b> | <b>J</b>  | 1000 | 12  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Benzo[k]fluoranthene</b>   | <b>380</b> | <b>J</b>  | 1000 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Bis(2-chloroethoxy)methane    | 1000       | U         | 1000 | 54  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Bis(2-chloroethyl)ether       | 1000       | U         | 1000 | 85  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Bis(2-ethylhexyl) phthalate   | 1000       | U         | 1000 | 320 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Butyl benzyl phthalate        | 1000       | U         | 1000 | 270 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| Caprolactam                   | 1000       | U *       | 1000 | 430 | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |
| <b>Carbazole</b>              | <b>42</b>  | <b>J</b>  | 1000 | 11  | ug/Kg | ⊗ | 03/05/14 07:41 | 03/07/14 02:56 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-0-2**

Date Collected: 02/28/14 12:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-16**

Matrix: Solid

Percent Solids: 83.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Chrysene                    | 510              | J                | 1000          | 9.9 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Dibenz(a,h)anthracene       | 110              | J                | 1000          | 12  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Di-n-butyl phthalate        | 1000             | U                | 1000          | 340 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Di-n-octyl phthalate        | 36               | J                | 1000          | 23  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Dibenzofuran                | 1000             | U                | 1000          | 10  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Diethyl phthalate           | 1000             | U                | 1000          | 30  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Dimethyl phthalate          | 1000             | U                | 1000          | 26  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Fluoranthene                | 860              | J                | 1000          | 14  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Fluorene                    | 1000             | U                | 1000          | 23  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Hexachlorobenzene           | 1000             | U                | 1000          | 49  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Hexachlorobutadiene         | 1000             | U                | 1000          | 51  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Hexachlorocyclopentadiene   | 1000             | U                | 1000          | 300 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Hexachloroethane            | 1000             | U                | 1000          | 76  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Indeno[1,2,3-cd]pyrene      | 230              | J                | 1000          | 27  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Isophorone                  | 1000             | U                | 1000          | 49  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| N-Nitrosodi-n-propylamine   | 1000             | U                | 1000          | 78  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| N-Nitrosodiphenylamine      | 1000             | U                | 1000          | 54  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Naphthalene                 | 1000             | U                | 1000          | 16  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Nitrobenzene                | 1000             | U                | 1000          | 44  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Pentachlorophenol           | 1900             | U                | 1900          | 340 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Phenanthrene                | 380              | J                | 1000          | 21  | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Phenol                      | 1000             | U                | 1000          | 100 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Pyrene                      | 630              | J                | 1000          | 6.4 | ug/Kg | ⊗ | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 88               |                  | 34 - 132      |     |       |   | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| Phenol-d5 (Surr)            | 95               |                  | 11 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| p-Terphenyl-d14 (Surr)      | 85               |                  | 65 - 153      |     |       |   | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| 2,4,6-Tribromophenol (Surr) | 86               |                  | 39 - 146      |     |       |   | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| 2-Fluorobiphenyl            | 99               |                  | 37 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 02:56  | 5              |
| 2-Fluorophenol (Surr)       | 95               |                  | 18 - 120      |     |       |   | 03/05/14 07:41  | 03/07/14 02:56  | 5              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 27     | J         | 98 | 19  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| 4,4'-DDE            | 23     | J         | 98 | 15  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| 4,4'-DDT            | 44     | J B       | 98 | 9.9 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Aldrin              | 98     | U         | 98 | 24  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| alpha-BHC           | 98     | U         | 98 | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| alpha-Chlordane     | 98     | U         | 98 | 49  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| beta-BHC            | 98     | U         | 98 | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| delta-BHC           | 21     | J B       | 98 | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Dieldrin            | 43     | J         | 98 | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Endosulfan I        | 98     | U         | 98 | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Endosulfan II       | 98     | U         | 98 | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Endosulfan sulfate  | 98     | U         | 98 | 18  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Endrin              | 98     | U         | 98 | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Endrin aldehyde     | 98     | U         | 98 | 25  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| Endrin ketone       | 98     | U         | 98 | 24  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |
| gamma-BHC (Lindane) | 98     | U         | 98 | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:00 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-0-2**

Date Collected: 02/28/14 12:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-16**

Matrix: Solid

Percent Solids: 83.1

**Method: 8081B - Organochlorine Pesticides (GC) (Continued)**

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| gamma-Chlordane        | 44               | J                | 98  | 31            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:00  | 50             |
| Heptachlor             | 98               | U                | 98  | 15            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:00  | 50             |
| Heptachlor epoxide     | 98               | U                | 98  | 25            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:00  | 50             |
| Methoxychlor           | 26               | J                | 98  | 13            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:00  | 50             |
| Toxaphene              | 980              | U                | 980 | 570           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:00  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:32  | 03/06/14 18:00  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:32  | 03/06/14 18:00  | 50             |

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 6660   |           | 57.2 | 5.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Antimony  | 0.70   | J         | 85.8 | 0.46  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Arsenic   | 9.3    | J         | 11.4 | 0.46  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Barium    | 42.5   |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Beryllium | 0.29   | J         | 1.1  | 0.032 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Cadmium   | 0.61   | J         | 1.1  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Calcium   | 11300  |           | 286  | 3.8   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Chromium  | 14.2   |           | 2.9  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Cobalt    | 5.6    |           | 2.9  | 0.057 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Copper    | 31.9   |           | 5.7  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Iron      | 11100  | B         | 57.2 | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Lead      | 65.7   |           | 5.7  | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Magnesium | 4980   |           | 114  | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Manganese | 322    |           | 1.1  | 0.037 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Nickel    | 12.0   | J         | 28.6 | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Potassium | 790    |           | 172  | 22.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Selenium  | 1.2    | J         | 22.9 | 0.46  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Silver    | 1.8    | J         | 2.9  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Sodium    | 242    | J         | 801  | 14.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Thallium  | 34.3   | U         | 34.3 | 0.34  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Vanadium  | 17.9   |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |
| Zinc      | 61.0   | B         | 11.4 | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 02:58 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.11   |           | 0.024 | 0.0097 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:28 | 1       |

**Client Sample ID: LT-T-005-4-6**

Date Collected: 02/28/14 12:10

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-17**

Matrix: Solid

Percent Solids: 93.8

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 180    | U         | 180 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| bis (2-chloroisopropyl) ether | 180    | U         | 180 | 19  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2,4,5-Trichlorophenol         | 180    | U         | 180 | 39  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2,4,6-Trichlorophenol         | 180    | U         | 180 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2,4-Dichlorophenol            | 180    | U         | 180 | 9.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-4-6**

**Date Collected: 02/28/14 12:10**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-17**

**Matrix: Solid**

**Percent Solids: 93.8**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result      | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,4-Dimethylphenol          | 180         | U         | 180 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2,4-Dinitrophenol           | 350         | U         | 350 | 62  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2,4-Dinitrotoluene          | 180         | U         | 180 | 27  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2,6-Dinitrotoluene          | 180         | U         | 180 | 43  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2-Chloronaphthalene         | 180         | U         | 180 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2-Chlorophenol              | 180         | U         | 180 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2-Methylphenol              | 180         | U         | 180 | 5.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>2-Methylnaphthalene</b>  | <b>29</b>   | <b>J</b>  | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2-Nitroaniline              | 350         | U         | 350 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 2-Nitrophenol               | 180         | U         | 180 | 8.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 3,3'-Dichlorobenzidine      | 180         | U         | 180 | 160 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 3-Nitroaniline              | 350         | U         | 350 | 41  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4,6-Dinitro-2-methylphenol  | 350         | U         | 350 | 61  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Bromophenyl phenyl ether  | 180         | U         | 180 | 56  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Chloro-3-methylphenol     | 180         | U         | 180 | 7.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Chloroaniline             | 180         | U         | 180 | 52  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Chlorophenyl phenyl ether | 180         | U         | 180 | 3.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Methylphenol              | 350         | U         | 350 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Nitroaniline              | 350         | U         | 350 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| 4-Nitrophenol               | 350         | U         | 350 | 43  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Acenaphthene</b>         | <b>200</b>  |           | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Acenaphthylene              | 180         | U         | 180 | 1.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Acetophenone                | 180         | U         | 180 | 9.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Anthracene</b>           | <b>230</b>  |           | 180 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Atrazine                    | 180         | U         | 180 | 7.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Benzaldehyde                | 180         | U         | 180 | 19  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Benzo[a]anthracene</b>   | <b>630</b>  |           | 180 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Benzo[a]pyrene</b>       | <b>450</b>  |           | 180 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Benzo[b]fluoranthene</b> | <b>630</b>  |           | 180 | 3.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Benzo[g,h,i]perylene</b> | <b>200</b>  |           | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Benzo[k]fluoranthene</b> | <b>310</b>  |           | 180 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Bis(2-chloroethoxy)methane  | 180         | U         | 180 | 9.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Bis(2-chloroethyl)ether     | 180         | U         | 180 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Bis(2-ethylhexyl) phthalate | 180         | U         | 180 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Butyl benzyl phthalate      | 180         | U         | 180 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Caprolactam                 | 180         | U         | 180 | 77  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Carbazole</b>            | <b>120</b>  | <b>J</b>  | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Chrysene</b>             | <b>560</b>  |           | 180 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Dibenz(a,h)anthracene       | 180         | U         | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Di-n-butyl phthalate        | 180         | U         | 180 | 61  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Di-n-octyl phthalate        | 180         | U         | 180 | 4.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Dibenzofuran</b>         | <b>71</b>   | <b>J</b>  | 180 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Diethyl phthalate           | 180         | U         | 180 | 5.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Dimethyl phthalate          | 180         | U         | 180 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Fluoranthene</b>         | <b>1200</b> |           | 180 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Fluorene</b>             | <b>130</b>  | <b>J</b>  | 180 | 4.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Hexachlorobenzene           | 180         | U         | 180 | 8.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Hexachlorobutadiene         | 180         | U         | 180 | 9.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Hexachlorocyclopentadiene   | 180         | U         | 180 | 54  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-4-6**

**Date Collected: 02/28/14 12:10**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-17**

**Matrix: Solid**

**Percent Solids: 93.8**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                            | Result      | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Hexachloroethane                   | 180         | U         | 180      | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b>      | <b>190</b>  |           | 180      | 4.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Isophorone                         | 180         | U         | 180      | 8.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| N-Nitrosodi-n-propylamine          | 180         | U         | 180      | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| N-Nitrosodiphenylamine             | 180         | U         | 180      | 9.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Naphthalene</b>                 | <b>34 J</b> |           | 180      | 3.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Nitrobenzene                       | 180         | U         | 180      | 7.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Pentachlorophenol                  | 350         | U         | 350      | 61  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Phenanthrene</b>                | <b>870</b>  |           | 180      | 3.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| Phenol                             | 180         | U         | 180      | 19  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <b>Pyrene</b>                      | <b>860</b>  |           | 180      | 1.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <hr/>                              |             |           |          |     |       |   |                |                |         |
| Surrogate                          | %Recovery   | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| <i>Nitrobenzene-d5 (Surr)</i>      | 89          |           | 34 - 132 |     |       |   | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <i>Phenol-d5 (Surr)</i>            | 96          |           | 11 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <i>p-Terphenyl-d14 (Surr)</i>      | 97          |           | 65 - 153 |     |       |   | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <i>2,4,6-Tribromophenol (Surr)</i> | 97          |           | 39 - 146 |     |       |   | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <i>2-Fluorobiphenyl</i>            | 97          |           | 37 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 08:04 | 1       |
| <i>2-Fluorophenol (Surr)</i>       | 95          |           | 18 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 08:04 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                       | Result        | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| <b>4,4'-DDD</b>               | <b>23 J</b>   |           | 89       | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| <b>4,4'-DDE</b>               | <b>31 J</b>   |           | 89       | 13  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| <b>4,4'-DDT</b>               | <b>32 J B</b> |           | 89       | 9.0 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Aldrin                        | 89            | U         | 89       | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| alpha-BHC                     | 89            | U         | 89       | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| alpha-Chlordane               | 89            | U         | 89       | 44  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| beta-BHC                      | 89            | U         | 89       | 9.6 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| <b>delta-BHC</b>              | <b>19 J B</b> |           | 89       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Dieldrin                      | 89            | U         | 89       | 21  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Endosulfan I                  | 89            | U         | 89       | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Endosulfan II                 | 89            | U         | 89       | 16  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Endosulfan sulfate            | 89            | U         | 89       | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Endrin                        | 89            | U         | 89       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Endrin aldehyde               | 89            | U         | 89       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Endrin ketone                 | 89            | U         | 89       | 22  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| gamma-BHC (Lindane)           | 89            | U         | 89       | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| gamma-Chlordane               | 89            | U         | 89       | 28  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Heptachlor                    | 89            | U         | 89       | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Heptachlor epoxide            | 89            | U         | 89       | 23  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| <b>Methoxychlor</b>           | <b>26 J</b>   |           | 89       | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| Toxaphene                     | 890           | U         | 890      | 520 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| <hr/>                         |               |           |          |     |       |   |                |                |         |
| Surrogate                     | %Recovery     | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| <i>DCB Decachlorobiphenyl</i> | 0             | X         | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 18:17 | 50      |
| <i>Tetrachloro-m-xylene</i>   | 0             | X         | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 18:17 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-4-6**

Date Collected: 02/28/14 12:10

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-17**

Matrix: Solid

Percent Solids: 93.8

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 6260   |           | 53.5 | 4.7   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Antimony  | 80.3   | U         | 80.3 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Arsenic   | 12.4   |           | 10.7 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Barium    | 36.9   |           | 2.7  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Beryllium | 0.30   | J         | 1.1  | 0.030 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Cadmium   | 0.19   | J         | 1.1  | 0.032 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Calcium   | 7640   |           | 268  | 3.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Chromium  | 12.6   |           | 2.7  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Cobalt    | 5.6    |           | 2.7  | 0.054 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Copper    | 11.0   |           | 5.4  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Iron      | 10600  | B         | 53.5 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Lead      | 11.9   |           | 5.4  | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Magnesium | 5480   |           | 107  | 0.99  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Manganese | 274    |           | 1.1  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Nickel    | 10.9   | J         | 26.8 | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Potassium | 1070   |           | 161  | 21.4  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Selenium  | 0.76   | J         | 21.4 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Silver    | 2.7    | U         | 2.7  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Sodium    | 202    | J         | 750  | 13.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Thallium  | 32.1   | U         | 32.1 | 0.32  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Vanadium  | 15.9   |           | 2.7  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |
| Zinc      | 25.4   | B         | 10.7 | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:01 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.037  |           | 0.022 | 0.0088 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:30 | 1       |

**Client Sample ID: LT-T-005-16-19**

Date Collected: 02/28/14 12:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-18**

Matrix: Solid

Percent Solids: 71.8

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 5.9    | U         | 5.9 | 0.43 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,1,2,2-Tetrachloroethane             | 5.9    | U         | 5.9 | 0.96 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.9    | U         | 5.9 | 1.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,1,2-Trichloroethane                 | 5.9    | U         | 5.9 | 0.77 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,1-Dichloroethane                    | 5.9    | U         | 5.9 | 0.72 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,1-Dichloroethene                    | 5.9    | U         | 5.9 | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2,4-Trichlorobenzene                | 5.9    | U         | 5.9 | 0.36 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2,4-Trimethylbenzene                | 5.9    | U         | 5.9 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 5.9    | U         | 5.9 | 3.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2-Dibromoethane                     | 5.9    | U         | 5.9 | 0.76 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2-Dichlorobenzene                   | 5.9    | U         | 5.9 | 0.46 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2-Dichloroethane                    | 5.9    | U         | 5.9 | 0.30 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,2-Dichloropropane                   | 5.9    | U         | 5.9 | 3.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,3,5-Trimethylbenzene                | 5.9    | U         | 5.9 | 0.38 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,3-Dichlorobenzene                   | 5.9    | U         | 5.9 | 0.30 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,4-Dichlorobenzene                   | 5.9    | U         | 5.9 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |
| 1,4-Dioxane                           | 240    | U         | 240 | 29   | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 04:43 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-16-19**

Date Collected: 02/28/14 12:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-18**

Matrix: Solid

Percent Solids: 71.8

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| 2-Butanone (MEK)             | 30               | U                | 30  | 2.2           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| 2-Hexanone                   | 30               | U                | 30  | 3.0           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| 4-Methyl-2-pentanone (MIBK)  | 30               | U                | 30  | 1.9           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| <b>Acetone</b>               | <b>53</b>        |                  | 30  | 5.0           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Benzene                      | 5.9              | U                | 5.9 | 0.29          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Bromodichloromethane         | 5.9              | U                | 5.9 | 0.79          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Bromoform                    | 5.9              | U                | 5.9 | 3.0           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Bromomethane                 | 5.9              | U                | 5.9 | 0.53          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| <b>Carbon disulfide</b>      | <b>17</b>        |                  | 5.9 | 3.0           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Carbon tetrachloride         | 5.9              | U                | 5.9 | 0.57          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Chlorobenzene                | 5.9              | U                | 5.9 | 0.78          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Chloroethane                 | 5.9              | U                | 5.9 | 1.3           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Chloroform                   | 5.9              | U                | 5.9 | 0.37          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Chloromethane                | 5.9              | U                | 5.9 | 0.36          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| cis-1,2-Dichloroethene       | 5.9              | U                | 5.9 | 0.76          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| cis-1,3-Dichloropropene      | 5.9              | U *              | 5.9 | 0.85          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| <b>Cyclohexane</b>           | <b>1.2 J</b>     |                  | 5.9 | 0.83          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Dibromochloromethane         | 5.9              | U                | 5.9 | 0.76          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Dichlorodifluoromethane      | 5.9              | U                | 5.9 | 0.49          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Ethylbenzene                 | 5.9              | U                | 5.9 | 0.41          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Isopropylbenzene             | 5.9              | U                | 5.9 | 0.89          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Methyl acetate               | 5.9              | U                | 5.9 | 1.1           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Methyl tert-butyl ether      | 5.9              | U                | 5.9 | 0.58          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Methylcyclohexane            | 5.9              | U                | 5.9 | 0.90          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Methylene Chloride           | 5.9              | U                | 5.9 | 2.7           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| n-Butylbenzene               | 5.9              | U                | 5.9 | 0.52          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| N-Propylbenzene              | 5.9              | U                | 5.9 | 0.47          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| sec-Butylbenzene             | 5.9              | U                | 5.9 | 0.52          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Styrene                      | 5.9              | U                | 5.9 | 0.30          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| tert-Butylbenzene            | 5.9              | U                | 5.9 | 0.62          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Tetrachloroethene            | 5.9              | U                | 5.9 | 0.80          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Toluene                      | 5.9              | U                | 5.9 | 0.45          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| trans-1,2-Dichloroethene     | 5.9              | U                | 5.9 | 0.61          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| trans-1,3-Dichloropropene    | 5.9              | U                | 5.9 | 2.6           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Trichloroethene              | 5.9              | U                | 5.9 | 1.3           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Trichlorofluoromethane       | 5.9              | U                | 5.9 | 0.56          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Vinyl chloride               | 5.9              | U                | 5.9 | 0.72          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Xylenes, Total               | 12               | U                | 12  | 1.0           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 120              |                  |     | 64 - 126      |       |   | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| 4-Bromofluorobenzene (Surr)  | 95               |                  |     | 72 - 126      |       |   | 03/02/14 23:44  | 03/03/14 04:43  | 1              |
| Toluene-d8 (Surr)            | 105              |                  |     | 71 - 125      |       |   | 03/02/14 23:44  | 03/03/14 04:43  | 1              |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 230    | U         | 230 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| bis (2-chloroisopropyl) ether | 230    | U         | 230 | 24  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2,4,5-Trichlorophenol         | 230    | U         | 230 | 50  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2,4,6-Trichlorophenol         | 230    | U         | 230 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-16-19**

**Date Collected: 02/28/14 12:15**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-18**

**Matrix: Solid**

**Percent Solids: 71.8**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                     | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,4-Dichlorophenol          | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2,4-Dimethylphenol          | 230          | U         | 230 | 62  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2,4-Dinitrophenol           | 450          | U         | 450 | 81  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2,4-Dinitrotoluene          | 230          | U         | 230 | 36  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2,6-Dinitrotoluene          | 230          | U         | 230 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2-Chloronaphthalene         | 230          | U         | 230 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2-Chlorophenol              | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2-Methylphenol              | 230          | U         | 230 | 7.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2-Methylnaphthalene         | 230          | U         | 230 | 2.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2-Nitroaniline              | 450          | U         | 450 | 74  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 2-Nitrophenol               | 230          | U         | 230 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 3,3'-Dichlorobenzidine      | 230          | U         | 230 | 200 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 3-Nitroaniline              | 450          | U         | 450 | 53  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4,6-Dinitro-2-methylphenol  | 450          | U         | 450 | 80  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Bromophenyl phenyl ether  | 230          | U         | 230 | 73  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Chloro-3-methylphenol     | 230          | U         | 230 | 9.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Chloroaniline             | 230          | U         | 230 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Chlorophenyl phenyl ether | 230          | U         | 230 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Methylphenol              | 450          | U         | 450 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Nitroaniline              | 450          | U         | 450 | 26  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| 4-Nitrophenol               | 450          | U         | 450 | 56  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| <b>Acenaphthene</b>         | <b>4.3 J</b> |           | 230 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Acenaphthylene              | 230          | U         | 230 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Acetophenone                | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Anthracene                  | 230          | U         | 230 | 5.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Atrazine                    | 230          | U         | 230 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Benzaldehyde                | 230          | U         | 230 | 25  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Benzo[a]anthracene          | 230          | U         | 230 | 4.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| <b>Benzo[a]pyrene</b>       | <b>9.2 J</b> |           | 230 | 5.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| <b>Benzo[b]fluoranthene</b> | <b>11 J</b>  |           | 230 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Benzo[g,h,i]perylene        | 230          | U         | 230 | 2.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| <b>Benzo[k]fluoranthene</b> | <b>6.6 J</b> |           | 230 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Bis(2-chloroethoxy)methane  | 230          | U         | 230 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Bis(2-chloroethyl)ether     | 230          | U         | 230 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Bis(2-ethylhexyl) phthalate | 230          | U         | 230 | 74  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Butyl benzyl phthalate      | 230          | U         | 230 | 62  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Caprolactam                 | 230          | U         | 230 | 100 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Carbazole                   | 230          | U         | 230 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Chrysene                    | 230          | U         | 230 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Dibenz(a,h)anthracene       | 230          | U         | 230 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Di-n-butyl phthalate        | 230          | U         | 230 | 80  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Di-n-octyl phthalate        | 230          | U         | 230 | 5.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Dibenzofuran                | 230          | U         | 230 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Diethyl phthalate           | 230          | U         | 230 | 7.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Dimethyl phthalate          | 230          | U         | 230 | 6.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| <b>Fluoranthene</b>         | <b>18 J</b>  |           | 230 | 3.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Fluorene                    | 230          | U         | 230 | 5.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Hexachlorobenzene           | 230          | U         | 230 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |
| Hexachlorobutadiene         | 230          | U         | 230 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:28 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-16-19**

Date Collected: 02/28/14 12:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-18**

Matrix: Solid

Percent Solids: 71.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| Hexachlorocyclopentadiene     | 230              | U                | 230 | 70            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Hexachloroethane              | 230              | U                | 230 | 18            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>7.2</b>       | <b>J</b>         | 230 | 6.4           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Isophorone                    | 230              | U                | 230 | 12            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| N-Nitrosodi-n-propylamine     | 230              | U                | 230 | 18            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| N-Nitrosodiphenylamine        | 230              | U                | 230 | 13            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Naphthalene                   | 230              | U                | 230 | 3.8           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Nitrobenzene                  | 230              | U                | 230 | 10            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Pentachlorophenol             | 450              | U                | 450 | 79            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| <b>Phenanthrene</b>           | <b>26</b>        | <b>J</b>         | 230 | 4.8           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Phenol                        | 230              | U                | 230 | 24            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| <b>Pyrene</b>                 | <b>17</b>        | <b>J</b>         | 230 | 1.5           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 92               |                  |     | 34 - 132      |       |   | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| Phenol-d5 (Surr)              | 97               |                  |     | 11 - 120      |       |   | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| p-Terphenyl-d14 (Surr)        | 94               |                  |     | 65 - 153      |       |   | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| 2,4,6-Tribromophenol (Surr)   | 103              |                  |     | 39 - 146      |       |   | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| 2-Fluorobiphenyl              | 94               |                  |     | 37 - 120      |       |   | 03/05/14 07:44  | 03/07/14 08:28  | 1              |
| 2-Fluorophenol (Surr)         | 93               |                  |     | 18 - 120      |       |   | 03/05/14 07:44  | 03/07/14 08:28  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| <b>4,4'-DDD</b>        | <b>8.9</b>       | <b>J</b>         | 46  | 8.9           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| 4,4'-DDE               | 46               | U                | 46  | 6.9           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| <b>4,4'-DDT</b>        | <b>15</b>        | <b>J B</b>       | 46  | 4.7           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Aldrin                 | 46               | U                | 46  | 11            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| alpha-BHC              | 46               | U                | 46  | 8.3           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| alpha-Chlordane        | 46               | U                | 46  | 23            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| beta-BHC               | 46               | U                | 46  | 5.0           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| delta-BHC              | 46               | U                | 46  | 6.1           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Dieldrin               | 46               | U                | 46  | 11            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Endosulfan I           | 46               | U                | 46  | 5.8           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Endosulfan II          | 46               | U                | 46  | 8.3           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Endosulfan sulfate     | 46               | U                | 46  | 8.6           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Endrin                 | 46               | U                | 46  | 6.3           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Endrin aldehyde        | 46               | U                | 46  | 12            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Endrin ketone          | 46               | U                | 46  | 11            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| gamma-BHC (Lindane)    | 46               | U                | 46  | 5.7           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| gamma-Chlordane        | 46               | U                | 46  | 15            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Heptachlor             | 46               | U                | 46  | 7.2           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Heptachlor epoxide     | 46               | U                | 46  | 12            | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Methoxychlor           | 46               | U                | 46  | 6.3           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Toxaphene              | 460              | U                | 460 | 270           | ug/Kg | ⊗ | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:32  | 03/06/14 18:35  | 20             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:32  | 03/06/14 18:35  | 20             |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-005-16-19**

Date Collected: 02/28/14 12:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-18**

Matrix: Solid

Percent Solids: 71.8

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 9380   |           | 72.6 | 6.4   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Antimony  | 109    | U         | 109  | 0.58  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Arsenic   | 5.6    | J         | 14.5 | 0.58  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Barium    | 24.2   |           | 3.6  | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Beryllium | 0.53   | J         | 1.5  | 0.041 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Cadmium   | 0.23   | J         | 1.5  | 0.044 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Calcium   | 1680   |           | 363  | 4.8   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Chromium  | 21.3   |           | 3.6  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Cobalt    | 6.7    |           | 3.6  | 0.073 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Copper    | 10.7   |           | 7.3  | 0.31  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Iron      | 18600  | B         | 72.6 | 1.6   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Lead      | 8.2    |           | 7.3  | 0.35  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Magnesium | 3890   |           | 145  | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Manganese | 305    |           | 1.5  | 0.046 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Nickel    | 14.4   | J         | 36.3 | 0.33  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Potassium | 2430   |           | 218  | 29.1  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Selenium  | 29.1   | U         | 29.1 | 0.58  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Silver    | 3.6    | U         | 3.6  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Sodium    | 636    | J         | 1020 | 18.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Thallium  | 43.6   | U         | 43.6 | 0.44  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Vanadium  | 26.3   |           | 3.6  | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |
| Zinc      | 37.4   | B         | 14.5 | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:04 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.037  |           | 0.028 | 0.012 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:32 | 1       |

**Client Sample ID: LT-T-006-0-2**

Date Collected: 02/28/14 13:10

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-19**

Matrix: Solid

Percent Solids: 74.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 220    | U         | 220 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| bis (2-chloroisopropyl) ether | 220    | U         | 220 | 23  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4,5-Trichlorophenol         | 220    | U         | 220 | 49  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4,6-Trichlorophenol         | 220    | U         | 220 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4-Dichlorophenol            | 220    | U         | 220 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4-Dimethylphenol            | 220    | U         | 220 | 60  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4-Dinitrophenol             | 430    | U         | 430 | 78  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4-Dinitrotoluene            | 220    | U         | 220 | 34  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,6-Dinitrotoluene            | 220    | U         | 220 | 54  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Chloronaphthalene           | 220    | U         | 220 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Chlorophenol                | 220    | U         | 220 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Methylphenol                | 220    | U         | 220 | 6.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Methylnaphthalene           | 220    | U         | 220 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Nitroaniline                | 430    | U         | 430 | 71  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Nitrophenol                 | 220    | U         | 220 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 3,3'-Dichlorobenzidine        | 220    | U         | 220 | 200 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 3-Nitroaniline                | 430    | U         | 430 | 51  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-0-2**

**Date Collected: 02/28/14 13:10**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-19**

**Matrix: Solid**

**Percent Solids: 74.5**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,6-Dinitro-2-methylphenol    | 430          | U         | 430 | 77  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Bromophenyl phenyl ether    | 220          | U         | 220 | 71  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Chloro-3-methylphenol       | 220          | U         | 220 | 9.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Chloroaniline               | 220          | U         | 220 | 65  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Chlorophenyl phenyl ether   | 220          | U         | 220 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Methylphenol                | 430          | U         | 430 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Nitroaniline                | 430          | U         | 430 | 25  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 4-Nitrophenol                 | 430          | U         | 430 | 54  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Acenaphthene</b>           | <b>6.3 J</b> |           | 220 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Acenaphthylene</b>         | <b>9.0 J</b> |           | 220 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Acetophenone                  | 220          | U         | 220 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Anthracene</b>             | <b>19 J</b>  |           | 220 | 5.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Atrazine                      | 220          | U         | 220 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Benzaldehyde                  | 220          | U         | 220 | 24  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>54 J</b>  |           | 220 | 3.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>57 J</b>  |           | 220 | 5.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>82 J</b>  |           | 220 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>34 J</b>  |           | 220 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>25 J</b>  |           | 220 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Bis(2-chloroethoxy)methane    | 220          | U         | 220 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Bis(2-chloroethyl)ether       | 220          | U         | 220 | 19  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Bis(2-ethylhexyl) phthalate   | 220          | U         | 220 | 72  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Butyl benzyl phthalate        | 220          | U         | 220 | 60  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Caprolactam                   | 220          | U         | 220 | 96  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Carbazole</b>              | <b>10 J</b>  |           | 220 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Chrysene</b>               | <b>73 J</b>  |           | 220 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Dibenz(a,h)anthracene         | 220          | U         | 220 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Di-n-butyl phthalate          | 220          | U         | 220 | 77  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Di-n-octyl phthalate          | 220          | U         | 220 | 5.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Dibenzofuran                  | 220          | U         | 220 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Diethyl phthalate             | 220          | U         | 220 | 6.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Dimethyl phthalate            | 220          | U         | 220 | 5.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Fluoranthene</b>           | <b>100 J</b> |           | 220 | 3.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Fluorene</b>               | <b>8.8 J</b> |           | 220 | 5.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Hexachlorobenzene             | 220          | U         | 220 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Hexachlorobutadiene           | 220          | U         | 220 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Hexachlorocyclopentadiene     | 220          | U         | 220 | 67  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Hexachloroethane              | 220          | U         | 220 | 17  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>30 J</b>  |           | 220 | 6.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Isophorone                    | 220          | U         | 220 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| N-Nitrosodi-n-propylamine     | 220          | U         | 220 | 18  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| N-Nitrosodiphenylamine        | 220          | U         | 220 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Naphthalene                   | 220          | U         | 220 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Nitrobenzene                  | 220          | U         | 220 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Pentachlorophenol             | 430          | U         | 430 | 76  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Phenanthrene</b>           | <b>77 J</b>  |           | 220 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Phenol                        | 220          | U         | 220 | 23  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| <b>Pyrene</b>                 | <b>87 J</b>  |           | 220 | 1.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 08:53 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-0-2**

**Date Collected: 02/28/14 13:10**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-19**

**Matrix: Solid**

**Percent Solids: 74.5**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr)      | 92        |           | 34 - 132 | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| Phenol-d5 (Surr)            | 99        |           | 11 - 120 | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| p-Terphenyl-d14 (Surr)      | 94        |           | 65 - 153 | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2,4,6-Tribromophenol (Surr) | 107       |           | 39 - 146 | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Fluorobiphenyl            | 98        |           | 37 - 120 | 03/05/14 07:44 | 03/07/14 08:53 | 1       |
| 2-Fluorophenol (Surr)       | 94        |           | 18 - 120 | 03/05/14 07:44 | 03/07/14 08:53 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result        | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 110           | U         | 110      | 21  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| 4,4'-DDE               | 110           | U         | 110      | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| <b>4,4'-DDT</b>        | <b>36 J B</b> |           | 110      | 11  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Aldrin                 | 110           | U         | 110      | 27  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| alpha-BHC              | 110           | U         | 110      | 20  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| alpha-Chlordane        | 110           | U         | 110      | 55  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| beta-BHC               | 110           | U         | 110      | 12  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| delta-BHC              | 110           | U         | 110      | 15  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Dieldrin               | 110           | U         | 110      | 26  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Endosulfan I           | 110           | U         | 110      | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Endosulfan II          | 110           | U         | 110      | 20  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Endosulfan sulfate     | 110           | U         | 110      | 21  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Endrin                 | 110           | U         | 110      | 15  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Endrin aldehyde        | 110           | U         | 110      | 28  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Endrin ketone          | 110           | U         | 110      | 27  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| gamma-BHC (Lindane)    | 110           | U         | 110      | 14  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| gamma-Chlordane        | 110           | U         | 110      | 35  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Heptachlor             | 110           | U         | 110      | 17  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Heptachlor epoxide     | 110           | U         | 110      | 28  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Methoxychlor           | 110           | U         | 110      | 15  | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Toxaphene              | 1100          | U         | 1100     | 640 | ug/Kg | ⊗ | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Surrogate              | %Recovery     | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0             | X         | 32 - 136 |     |       |   | 03/06/14 08:32 | 03/06/14 19:46 | 50      |
| Tetrachloro-m-xylene   | 0             | X         | 30 - 124 |     |       |   | 03/06/14 08:32 | 03/06/14 19:46 | 50      |

## Method: 6010C - Metals (ICP)

| Analyte          | Result         | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|----------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>6990</b>    |           | 68.0 | 6.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Antimony         | 102            | U         | 102  | 0.54  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Arsenic</b>   | <b>2.6 J</b>   |           | 13.6 | 0.54  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Barium</b>    | <b>36.6</b>    |           | 3.4  | 0.15  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Beryllium</b> | <b>0.19 J</b>  |           | 1.4  | 0.038 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Cadmium</b>   | <b>0.049 J</b> |           | 1.4  | 0.041 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Calcium</b>   | <b>1470</b>    |           | 340  | 4.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Chromium</b>  | <b>18.8</b>    |           | 3.4  | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Cobalt</b>    | <b>2.6 J</b>   |           | 3.4  | 0.068 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Copper</b>    | <b>7.1</b>     |           | 6.8  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Iron</b>      | <b>11600 B</b> |           | 68.0 | 1.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Lead</b>      | <b>14.7</b>    |           | 6.8  | 0.33  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Magnesium</b> | <b>2710</b>    |           | 136  | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| <b>Manganese</b> | <b>101</b>     |           | 1.4  | 0.044 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-0-2**

Date Collected: 02/28/14 13:10

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-19**

Matrix: Solid

Percent Solids: 74.5

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Nickel    | 7.2    | J         | 34.0 | 0.31 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Potassium | 1680   |           | 204  | 27.2 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Selenium  | 0.55   | J         | 27.2 | 0.54 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Silver    | 3.4    | U         | 3.4  | 0.27 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Sodium    | 165    | J         | 952  | 17.7 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Thallium  | 40.8   | U         | 40.8 | 0.41 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Vanadium  | 25.9   |           | 3.4  | 0.15 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |
| Zinc      | 20.1   | B         | 13.6 | 0.21 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/08/14 03:07 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.030  |           | 0.027 | 0.011 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:34 | 1       |

**Client Sample ID: LT-T-006-4-6**

Date Collected: 02/28/14 13:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-20**

Matrix: Solid

Percent Solids: 86.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Biphenyl                      | 3900   | U         | 3900 | 240  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| bis (2-chloroisopropyl) ether | 3900   | U         | 3900 | 410  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,4,5-Trichlorophenol         | 3900   | U         | 3900 | 850  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,4,6-Trichlorophenol         | 3900   | U         | 3900 | 260  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,4-Dichlorophenol            | 3900   | U         | 3900 | 200  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,4-Dimethylphenol            | 3900   | U         | 3900 | 1100 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,4-Dinitrophenol             | 7600   | U         | 7600 | 1400 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,4-Dinitrotoluene            | 3900   | U         | 3900 | 600  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2,6-Dinitrotoluene            | 3900   | U         | 3900 | 950  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2-Chloronaphthalene           | 3900   | U         | 3900 | 260  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2-Chlorophenol                | 3900   | U         | 3900 | 200  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2-Methylphenol                | 3900   | U         | 3900 | 120  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2-Methylnaphthalene           | 3900   | U         | 3900 | 47   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2-Nitroaniline                | 7600   | U         | 7600 | 1200 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 2-Nitrophenol                 | 3900   | U         | 3900 | 180  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 3,3'-Dichlorobenzidine        | 3900   | U         | 3900 | 3400 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 3-Nitroaniline                | 7600   | U         | 7600 | 890  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4,6-Dinitro-2-methylphenol    | 7600   | U         | 7600 | 1300 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Bromophenyl phenyl ether    | 3900   | U         | 3900 | 1200 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Chloro-3-methylphenol       | 3900   | U         | 3900 | 160  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Chloroaniline               | 3900   | U         | 3900 | 1100 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Chlorophenyl phenyl ether   | 3900   | U         | 3900 | 83   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Methylphenol                | 7600   | U         | 7600 | 220  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Nitroaniline                | 7600   | U         | 7600 | 430  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| 4-Nitrophenol                 | 7600   | U         | 7600 | 940  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| Acenaphthene                  | 3900   | U         | 3900 | 46   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| Acenaphthylene                | 3900   | U         | 3900 | 32   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| Acetophenone                  | 3900   | U         | 3900 | 200  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| Anthracene                    | 3900   | U         | 3900 | 100  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| Atrazine                      | 3900   | U         | 3900 | 170  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |
| Benzaldehyde                  | 3900   | U         | 3900 | 430  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 07:40 | 20      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-4-6****Lab Sample ID: 480-55387-20**

Date Collected: 02/28/14 13:15

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 86.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                     | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| Benzo[a]anthracene          | 550              | J                | 3900          | 67   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Benzo[a]pyrene              | 450              | J                | 3900          | 94   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Benzo[b]fluoranthene        | 600              | J                | 3900          | 75   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Benzo[g,h,i]perylene        | 470              | J                | 3900          | 47   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Benzo[k]fluoranthene        | 190              | J                | 3900          | 43   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Bis(2-chloroethoxy)methane  | 3900             | U                | 3900          | 210  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Bis(2-chloroethyl)ether     | 3900             | U                | 3900          | 340  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Bis(2-ethylhexyl) phthalate | 3900             | U                | 3900          | 1300 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Butyl benzyl phthalate      | 3900             | U                | 3900          | 1000 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Caprolactam                 | 3900             | U                | 3900          | 1700 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Carbazole                   | 3900             | U                | 3900          | 45   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Chrysene                    | 370              | J                | 3900          | 39   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Dibenz(a,h)anthracene       | 3900             | U                | 3900          | 46   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Di-n-butyl phthalate        | 3900             | U                | 3900          | 1300 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Di-n-octyl phthalate        | 3900             | U                | 3900          | 91   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Dibenzofuran                | 3900             | U                | 3900          | 40   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Diethyl phthalate           | 3900             | U                | 3900          | 120  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Dimethyl phthalate          | 3900             | U                | 3900          | 100  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Fluoranthene                | 650              | J                | 3900          | 56   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Fluorene                    | 3900             | U                | 3900          | 90   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Hexachlorobenzene           | 3900             | U                | 3900          | 190  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Hexachlorobutadiene         | 3900             | U                | 3900          | 200  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Hexachlorocyclopentadiene   | 3900             | U                | 3900          | 1200 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Hexachloroethane            | 3900             | U                | 3900          | 300  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Indeno[1,2,3-cd]pyrene      | 360              | J                | 3900          | 110  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Isophorone                  | 3900             | U                | 3900          | 190  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| N-Nitrosodi-n-propylamine   | 3900             | U                | 3900          | 310  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| N-Nitrosodiphenylamine      | 3900             | U                | 3900          | 210  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Naphthalene                 | 3900             | U                | 3900          | 65   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Nitrobenzene                | 3900             | U                | 3900          | 170  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Pentachlorophenol           | 7600             | U                | 7600          | 1300 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Phenanthrene                | 370              | J                | 3900          | 82   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Phenol                      | 3900             | U                | 3900          | 410  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Pyrene                      | 580              | J                | 3900          | 25   | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 79               |                  | 34 - 132      |      |       |   | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| Phenol-d5 (Surr)            | 82               |                  | 11 - 120      |      |       |   | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| p-Terphenyl-d14 (Surr)      | 83               |                  | 65 - 153      |      |       |   | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| 2,4,6-Tribromophenol (Surr) | 53               |                  | 39 - 146      |      |       |   | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| 2-Fluorobiphenyl            | 87               |                  | 37 - 120      |      |       |   | 03/05/14 07:44  | 03/07/14 07:40  | 20             |
| 2-Fluorophenol (Surr)       | 83               |                  | 18 - 120      |      |       |   | 03/05/14 07:44  | 03/07/14 07:40  | 20             |

**Method: 8081B - Organochlorine Pesticides (GC)**

| Analyte   | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD  | 96     | U         | 96 | 19  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:26 | 50      |
| 4,4'-DDE  | 24     | J         | 96 | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:26 | 50      |
| 4,4'-DDT  | 38     | J         | 96 | 9.8 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:26 | 50      |
| Aldrin    | 96     | U         | 96 | 24  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:26 | 50      |
| alpha-BHC | 96     | U         | 96 | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:26 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-4-6**

Date Collected: 02/28/14 13:15

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-20**

Matrix: Solid

Percent Solids: 86.5

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| alpha-Chlordane        | 96               | U                | 96            | 48  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| beta-BHC               | 96               | U                | 96            | 10  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| delta-BHC              | 96               | U                | 96            | 13  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Dieldrin               | 96               | U                | 96            | 23  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Endosulfan I           | 96               | U                | 96            | 12  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Endosulfan II          | 96               | U                | 96            | 17  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Endosulfan sulfate     | 96               | U                | 96            | 18  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Endrin                 | 96               | U                | 96            | 13  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Endrin aldehyde        | 96               | U                | 96            | 24  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Endrin ketone          | 96               | U                | 96            | 24  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| gamma-BHC (Lindane)    | 96               | U                | 96            | 12  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| gamma-Chlordane        | 96               | U                | 96            | 30  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Heptachlor             | 96               | U                | 96            | 15  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Heptachlor epoxide     | 96               | U                | 96            | 25  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Methoxychlor           | 96               | U                | 96            | 13  | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Toxaphene              | 960              | U                | 960           | 560 | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                | 32 - 136      |     |       |   | 03/06/14 08:37  | 03/06/14 14:26  | 50             |
| Tetrachloro-m-xylene   | 0                | X                | 30 - 124      |     |       |   | 03/06/14 08:37  | 03/06/14 14:26  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 5070   |           | 60.5 | 5.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Antimony  | 90.8   | U         | 90.8 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Arsenic   | 4.9    | J         | 12.1 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Barium    | 29.7   |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Beryllium | 0.15   | J         | 1.2  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Cadmium   | 0.22   | J         | 1.2  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Calcium   | 46800  |           | 303  | 4.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Chromium  | 7.4    |           | 3.0  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Cobalt    | 6.5    |           | 3.0  | 0.061 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Copper    | 97.1   |           | 6.1  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Iron      | 16100  | B         | 60.5 | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Lead      | 34.2   |           | 6.1  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Magnesium | 18800  |           | 121  | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Manganese | 181    |           | 1.2  | 0.039 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Nickel    | 8.1    | J         | 30.3 | 0.28  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Potassium | 741    |           | 182  | 24.2  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Selenium  | 0.55   | J         | 24.2 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Silver    | 3.0    | U         | 3.0  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Sodium    | 227    | J         | 847  | 15.7  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Thallium  | 36.3   | U         | 36.3 | 0.36  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Vanadium  | 29.5   |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |
| Zinc      | 33.2   | B         | 12.1 | 0.19  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:41 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.043  |           | 0.022 | 0.0090 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:37 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-12-14**

**Lab Sample ID: 480-55387-21**

Date Collected: 02/28/14 13:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 77.9

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result    | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 6.6       | U         | 6.6 | 0.48 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,1,2,2-Tetrachloroethane             | 6.6       | U         | 6.6 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 6.6       | U         | 6.6 | 1.5  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,1,2-Trichloroethane                 | 6.6       | U         | 6.6 | 0.86 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,1-Dichloroethane                    | 6.6       | U         | 6.6 | 0.80 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,1-Dichloroethene                    | 6.6       | U         | 6.6 | 0.81 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2,4-Trichlorobenzene                | 6.6       | U         | 6.6 | 0.40 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2,4-Trimethylbenzene                | 6.6       | U         | 6.6 | 1.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 6.6       | U         | 6.6 | 3.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2-Dibromoethane                     | 6.6       | U         | 6.6 | 0.84 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2-Dichlorobenzene                   | 6.6       | U         | 6.6 | 0.51 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2-Dichloroethane                    | 6.6       | U         | 6.6 | 0.33 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,2-Dichloropropane                   | 6.6       | U         | 6.6 | 3.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,3,5-Trimethylbenzene                | 6.6       | U         | 6.6 | 0.42 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,3-Dichlorobenzene                   | 6.6       | U         | 6.6 | 0.34 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,4-Dichlorobenzene                   | 6.6       | U         | 6.6 | 0.92 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 1,4-Dioxane                           | 260       | U         | 260 | 32   | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 2-Butanone (MEK)                      | 33        | U         | 33  | 2.4  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 2-Hexanone                            | 33        | U         | 33  | 3.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 33        | U         | 33  | 2.2  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| <b>Acetone</b>                        | <b>58</b> |           | 33  | 5.5  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Benzene                               | 6.6       | U         | 6.6 | 0.32 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Bromodichloromethane                  | 6.6       | U         | 6.6 | 0.88 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Bromoform                             | 6.6       | U         | 6.6 | 3.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Bromomethane                          | 6.6       | U         | 6.6 | 0.59 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| <b>Carbon disulfide</b>               | <b>17</b> |           | 6.6 | 3.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Carbon tetrachloride                  | 6.6       | U         | 6.6 | 0.64 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Chlorobenzene                         | 6.6       | U         | 6.6 | 0.87 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Chloroethane                          | 6.6       | U         | 6.6 | 1.5  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Chloroform                            | 6.6       | U         | 6.6 | 0.41 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Chloromethane                         | 6.6       | U         | 6.6 | 0.40 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| cis-1,2-Dichloroethene                | 6.6       | U         | 6.6 | 0.84 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| cis-1,3-Dichloropropene               | 6.6       | U         | 6.6 | 0.95 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Cyclohexane                           | 6.6       | U         | 6.6 | 0.92 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Dibromochloromethane                  | 6.6       | U         | 6.6 | 0.84 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Dichlorodifluoromethane               | 6.6       | U         | 6.6 | 0.54 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Ethylbenzene                          | 6.6       | U         | 6.6 | 0.45 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Isopropylbenzene                      | 6.6       | U         | 6.6 | 0.99 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Methyl acetate                        | 6.6       | U         | 6.6 | 1.2  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Methyl tert-butyl ether               | 6.6       | U         | 6.6 | 0.65 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Methylcyclohexane                     | 6.6       | U         | 6.6 | 1.0  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Methylene Chloride                    | 6.6       | U         | 6.6 | 3.0  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| n-Butylbenzene                        | 6.6       | U         | 6.6 | 0.57 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| N-Propylbenzene                       | 6.6       | U         | 6.6 | 0.53 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| sec-Butylbenzene                      | 6.6       | U         | 6.6 | 0.57 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Styrene                               | 6.6       | U         | 6.6 | 0.33 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| tert-Butylbenzene                     | 6.6       | U         | 6.6 | 0.68 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Tetrachloroethene                     | 6.6       | U         | 6.6 | 0.88 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Toluene                               | 6.6       | U         | 6.6 | 0.50 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-12-14**

Date Collected: 02/28/14 13:20

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-21**

Matrix: Solid

Percent Solids: 77.9

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| trans-1,2-Dichloroethene     | 6.6       | U         | 6.6      | 0.68 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| trans-1,3-Dichloropropene    | 6.6       | U         | 6.6      | 2.9  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Trichloroethene              | 6.6       | U         | 6.6      | 1.4  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Trichlorofluoromethane       | 6.6       | U         | 6.6      | 0.62 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Vinyl chloride               | 6.6       | U         | 6.6      | 0.80 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Xylenes, Total               | 13        | U         | 13       | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 64 - 126 |      |       |   | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 72 - 126 |      |       |   | 03/03/14 11:17 | 03/03/14 16:01 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 71 - 125 |      |       |   | 03/03/14 11:17 | 03/03/14 16:01 | 1       |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 210          | U         | 210 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| bis (2-chloroisopropyl) ether | 210          | U         | 210 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,4,5-Trichlorophenol         | 210          | U         | 210 | 46  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,4,6-Trichlorophenol         | 210          | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,4-Dichlorophenol            | 210          | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,4-Dimethylphenol            | 210          | U         | 210 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,4-Dinitrophenol             | 410          | U         | 410 | 74  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,4-Dinitrotoluene            | 210          | U         | 210 | 33  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2,6-Dinitrotoluene            | 210          | U         | 210 | 52  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2-Chloronaphthalene           | 210          | U         | 210 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2-Chlorophenol                | 210          | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2-Methylphenol                | 210          | U         | 210 | 6.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2-Methylnaphthalene           | 210          | U         | 210 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2-Nitroaniline                | 410          | U         | 410 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 2-Nitrophenol                 | 210          | U         | 210 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 3,3'-Dichlorobenzidine        | 210          | U         | 210 | 190 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 3-Nitroaniline                | 410          | U         | 410 | 49  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4,6-Dinitro-2-methylphenol    | 410          | U         | 410 | 73  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Bromophenyl phenyl ether    | 210          | U         | 210 | 67  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Chloro-3-methylphenol       | 210          | U         | 210 | 8.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Chloroaniline               | 210          | U         | 210 | 62  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Chlorophenyl phenyl ether   | 210          | U         | 210 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Methylphenol                | 410          | U         | 410 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Nitroaniline                | 410          | U         | 410 | 24  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| 4-Nitrophenol                 | 410          | U         | 410 | 51  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| Acenaphthene                  | 210          | U         | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| Acenaphthylene                | 210          | U         | 210 | 1.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| Acetophenone                  | 210          | U         | 210 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| <b>Anthracene</b>             | <b>7.2 J</b> |           | 210 | 5.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| Atrazine                      | 210          | U         | 210 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| Benzaldehyde                  | 210          | U         | 210 | 23  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>28 J</b>  |           | 210 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>19 J</b>  |           | 210 | 5.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>26 J</b>  |           | 210 | 4.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>13 J</b>  |           | 210 | 2.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>14 J</b>  |           | 210 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:17 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-12-14**

Date Collected: 02/28/14 13:20

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-21**

Matrix: Solid

Percent Solids: 77.9

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| Bis(2-chloroethoxy)methane    | 210              | U                | 210 | 12            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Bis(2-chloroethyl)ether       | 210              | U                | 210 | 18            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Bis(2-ethylhexyl) phthalate   | 210              | U                | 210 | 68            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Butyl benzyl phthalate        | 210              | U                | 210 | 57            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Caprolactam                   | 210              | U                | 210 | 92            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Carbazole                     | 210              | U                | 210 | 2.5           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| <b>Chrysene</b>               | <b>25</b>        | <b>J</b>         | 210 | 2.1           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Dibenz(a,h)anthracene         | 210              | U                | 210 | 2.5           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Di-n-butyl phthalate          | 210              | U                | 210 | 73            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Di-n-octyl phthalate          | 210              | U                | 210 | 5.0           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Dibenzofuran                  | 210              | U                | 210 | 2.2           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Diethyl phthalate             | 210              | U                | 210 | 6.4           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Dimethyl phthalate            | 210              | U                | 210 | 5.5           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| <b>Fluoranthene</b>           | <b>40</b>        | <b>J</b>         | 210 | 3.1           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Fluorene                      | 210              | U                | 210 | 4.9           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Hexachlorobenzene             | 210              | U                | 210 | 11            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Hexachlorobutadiene           | 210              | U                | 210 | 11            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Hexachlorocyclopentadiene     | 210              | U                | 210 | 64            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Hexachloroethane              | 210              | U                | 210 | 16            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>12</b>        | <b>J</b>         | 210 | 5.9           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Isophorone                    | 210              | U                | 210 | 11            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| N-Nitrosodi-n-propylamine     | 210              | U                | 210 | 17            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| N-Nitrosodiphenylamine        | 210              | U                | 210 | 12            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Naphthalene                   | 210              | U                | 210 | 3.5           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Nitrobenzene                  | 210              | U                | 210 | 9.4           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Pentachlorophenol             | 410              | U                | 410 | 73            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| <b>Phenanthrene</b>           | <b>25</b>        | <b>J</b>         | 210 | 4.4           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Phenol                        | 210              | U                | 210 | 22            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| <b>Pyrene</b>                 | <b>32</b>        | <b>J</b>         | 210 | 1.4           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 88               |                  |     | 34 - 132      |       |   | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| Phenol-d5 (Surr)              | 93               |                  |     | 11 - 120      |       |   | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| p-Terphenyl-d14 (Surr)        | 92               |                  |     | 65 - 153      |       |   | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| 2,4,6-Tribromophenol (Surr)   | 101              |                  |     | 39 - 146      |       |   | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| 2-Fluorobiphenyl              | 92               |                  |     | 37 - 120      |       |   | 03/05/14 07:44  | 03/07/14 09:17  | 1              |
| 2-Fluorophenol (Surr)         | 90               |                  |     | 18 - 120      |       |   | 03/05/14 07:44  | 03/07/14 09:17  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD        | 110    | U         | 110 | 21  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| 4,4'-DDE        | 110    | U         | 110 | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| 4,4'-DDT        | 110    | U         | 110 | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| Aldrin          | 110    | U         | 110 | 26  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| alpha-BHC       | 110    | U         | 110 | 19  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| alpha-Chlordane | 110    | U         | 110 | 53  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| beta-BHC        | 110    | U         | 110 | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| delta-BHC       | 110    | U         | 110 | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| Dieldrin        | 110    | U         | 110 | 25  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |
| Endosulfan I    | 110    | U         | 110 | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 14:43 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-006-12-14**

**Lab Sample ID: 480-55387-21**

Date Collected: 02/28/14 13:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 77.9

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result | Qualifier | RL        | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|--------|-----------|-----------|---------------|-------|---|-----------------|-----------------|----------------|
| Endosulfan II          | 110    | U         | 110       | 19            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Endosulfan sulfate     | 110    | U         | 110       | 20            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Endrin                 | 110    | U         | 110       | 15            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Endrin aldehyde        | 110    | U         | 110       | 27            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Endrin ketone          | 110    | U         | 110       | 26            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| gamma-BHC (Lindane)    | 110    | U         | 110       | 13            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| gamma-Chlordane        | 110    | U         | 110       | 34            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Heptachlor             | 110    | U         | 110       | 17            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Heptachlor epoxide     | 110    | U         | 110       | 27            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Methoxychlor           | 110    | U         | 110       | 15            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Toxaphene              | 1100   | U         | 1100      | 620           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| <b>Surrogate</b>       |        | %Recovery | Qualifier | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl |        | 0         | X         | 32 - 136      |       |   | 03/06/14 08:37  | 03/06/14 14:43  | 50             |
| Tetrachloro-m-xylene   |        | 0         | X         | 30 - 124      |       |   | 03/06/14 08:37  | 03/06/14 14:43  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 7470   |           | 63.0 | 5.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Antimony  | 94.6   | U         | 94.6 | 0.50  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Arsenic   | 4.0    | J         | 12.6 | 0.50  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Barium    | 31.6   |           | 3.2  | 0.14  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Beryllium | 0.37   | J         | 1.3  | 0.035 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Cadmium   | 0.12   | J         | 1.3  | 0.038 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Calcium   | 1250   |           | 315  | 4.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Chromium  | 15.3   |           | 3.2  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Cobalt    | 4.1    |           | 3.2  | 0.063 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Copper    | 6.8    |           | 6.3  | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Iron      | 14400  | B         | 63.0 | 1.4   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Lead      | 5.0    | J         | 6.3  | 0.30  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Magnesium | 2400   |           | 126  | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Manganese | 190    |           | 1.3  | 0.040 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Nickel    | 9.1    | J         | 31.5 | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Potassium | 1530   |           | 189  | 25.2  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Selenium  | 0.74   | J         | 25.2 | 0.50  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Silver    | 3.2    | U         | 3.2  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Sodium    | 391    | J         | 883  | 16.4  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Thallium  | 37.8   | U         | 37.8 | 0.38  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Vanadium  | 18.9   |           | 3.2  | 0.14  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |
| Zinc      | 23.8   | B         | 12.6 | 0.19  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:55 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.026  | U         | 0.026 | 0.010 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:48 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-0-2**

**Date Collected: 02/28/14 12:30**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-22**

**Matrix: Solid**

**Percent Solids: 93.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result       | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|------|------|-------|---|----------------|----------------|---------|
| Biphenyl                      | 1800         | U         | 1800 | 110  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| bis (2-chloroisopropyl) ether | 1800         | U         | 1800 | 190  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,4,5-Trichlorophenol         | 1800         | U         | 1800 | 390  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,4,6-Trichlorophenol         | 1800         | U         | 1800 | 120  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,4-Dichlorophenol            | 1800         | U         | 1800 | 94   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,4-Dimethylphenol            | 1800         | U         | 1800 | 490  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,4-Dinitrophenol             | 3500         | U         | 3500 | 630  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,4-Dinitrotoluene            | 1800         | U         | 1800 | 280  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2,6-Dinitrotoluene            | 1800         | U         | 1800 | 440  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2-Chloronaphthalene           | 1800         | U         | 1800 | 120  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2-Chlorophenol                | 1800         | U         | 1800 | 91   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2-Methylphenol                | 1800         | U         | 1800 | 55   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2-Methylnaphthalene           | 1800         | U         | 1800 | 22   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2-Nitroaniline                | 3500         | U         | 3500 | 580  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 2-Nitrophenol                 | 1800         | U         | 1800 | 82   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 3,3'-Dichlorobenzidine        | 1800         | U         | 1800 | 1600 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 3-Nitroaniline                | 3500         | U         | 3500 | 410  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4,6-Dinitro-2-methylphenol    | 3500         | U         | 3500 | 620  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Bromophenyl phenyl ether    | 1800         | U         | 1800 | 570  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Chloro-3-methylphenol       | 1800         | U         | 1800 | 74   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Chloroaniline               | 1800         | U         | 1800 | 530  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Chlorophenyl phenyl ether   | 1800         | U         | 1800 | 38   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Methylphenol                | 3500         | U         | 3500 | 100  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Nitroaniline                | 3500         | U         | 3500 | 200  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| 4-Nitrophenol                 | 3500         | U         | 3500 | 440  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Acenaphthene</b>           | <b>73 J</b>  |           | 1800 | 21   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Acenaphthylene                | 1800         | U         | 1800 | 15   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Acetophenone                  | 1800         | U         | 1800 | 92   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Anthracene</b>             | <b>160 J</b> |           | 1800 | 46   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Atrazine                      | 1800         | U         | 1800 | 80   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Benzaldehyde                  | 1800         | U         | 1800 | 200  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Benzo[a]anthracene</b>     | <b>610 J</b> |           | 1800 | 31   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Benzo[a]pyrene</b>         | <b>650 J</b> |           | 1800 | 43   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Benzo[b]fluoranthene</b>   | <b>890 J</b> |           | 1800 | 35   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Benzo[g,h,i]perylene</b>   | <b>290 J</b> |           | 1800 | 22   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Benzo[k]fluoranthene</b>   | <b>350 J</b> |           | 1800 | 20   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Bis(2-chloroethoxy)methane    | 1800         | U         | 1800 | 98   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Bis(2-chloroethyl)ether       | 1800         | U         | 1800 | 160  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Bis(2-ethylhexyl) phthalate   | 1800         | U         | 1800 | 580  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Butyl benzyl phthalate        | 1800         | U         | 1800 | 480  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Caprolactam                   | 1800         | U         | 1800 | 780  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Carbazole                     | 1800         | U         | 1800 | 21   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| <b>Chrysene</b>               | <b>560 J</b> |           | 1800 | 18   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Dibenz(a,h)anthracene         | 1800         | U         | 1800 | 21   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Di-n-butyl phthalate          | 1800         | U         | 1800 | 620  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Di-n-octyl phthalate          | 1800         | U         | 1800 | 42   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Dibenzofuran                  | 1800         | U         | 1800 | 19   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Diethyl phthalate             | 1800         | U         | 1800 | 54   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |
| Dimethyl phthalate            | 1800         | U         | 1800 | 47   | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 09:41 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-0-2**

Date Collected: 02/28/14 12:30

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-22**

Matrix: Solid

Percent Solids: 93.4

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Fluoranthene</b>           | <b>1000</b>      | <b>J</b>         | 1800          | 26  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Fluorene                      | 1800             | U                | 1800          | 41  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Hexachlorobenzene             | 1800             | U                | 1800          | 89  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Hexachlorobutadiene           | 1800             | U                | 1800          | 92  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Hexachlorocyclopentadiene     | 1800             | U                | 1800          | 540 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Hexachloroethane              | 1800             | U                | 1800          | 140 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>270</b>       | <b>J</b>         | 1800          | 50  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Isophorone                    | 1800             | U                | 1800          | 90  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| N-Nitrosodi-n-propylamine     | 1800             | U                | 1800          | 140 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| N-Nitrosodiphenylamine        | 1800             | U                | 1800          | 98  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Naphthalene                   | 1800             | U                | 1800          | 30  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Nitrobenzene                  | 1800             | U                | 1800          | 80  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Pentachlorophenol             | 3500             | U                | 3500          | 620 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| <b>Phenanthrene</b>           | <b>700</b>       | <b>J</b>         | 1800          | 38  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Phenol                        | 1800             | U                | 1800          | 190 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| <b>Pyrene</b>                 | <b>800</b>       | <b>J</b>         | 1800          | 12  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 90               |                  | 34 - 132      |     |       |   | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| Phenol-d5 (Surr)              | 95               |                  | 11 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| p-Terphenyl-d14 (Surr)        | 87               |                  | 65 - 153      |     |       |   | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| 2,4,6-Tribromophenol (Surr)   | 67               |                  | 39 - 146      |     |       |   | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| 2-Fluorobiphenyl              | 93               |                  | 37 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 09:41  | 10             |
| 2-Fluorophenol (Surr)         | 88               |                  | 18 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 09:41  | 10             |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 89        | U         | 89  | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| <b>4,4'-DDE</b>        | <b>24</b> | <b>J</b>  | 89  | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| <b>4,4'-DDT</b>        | <b>55</b> | <b>J</b>  | 89  | 9.0 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Aldrin                 | 89        | U         | 89  | 22  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| alpha-BHC              | 89        | U         | 89  | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| alpha-Chlordane        | 89        | U         | 89  | 44  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| beta-BHC               | 89        | U         | 89  | 9.6 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| delta-BHC              | 89        | U         | 89  | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| <b>Dieldrin</b>        | <b>32</b> | <b>J</b>  | 89  | 21  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Endosulfan I           | 89        | U         | 89  | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Endosulfan II          | 89        | U         | 89  | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Endosulfan sulfate     | 89        | U         | 89  | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Endrin                 | 89        | U         | 89  | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Endrin aldehyde        | 89        | U         | 89  | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Endrin ketone          | 89        | U         | 89  | 22  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| gamma-BHC (Lindane)    | 89        | U         | 89  | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| <b>gamma-Chlordane</b> | <b>28</b> | <b>J</b>  | 89  | 28  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Heptachlor             | 89        | U         | 89  | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Heptachlor epoxide     | 89        | U         | 89  | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Methoxychlor           | 89        | U         | 89  | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Toxaphene              | 890       | U         | 890 | 520 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:01 | 50      |

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-0-2**

Date Collected: 02/28/14 12:30

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-22**

Matrix: Solid

Percent Solids: 93.4

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 | 03/06/14 08:37 | 03/06/14 15:01 | 50      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 | 03/06/14 08:37 | 03/06/14 15:01 | 50      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 5740   |           | 51.3 | 4.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Antimony  | 1.5    | J         | 77.0 | 0.41  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Arsenic   | 8.8    | J         | 10.3 | 0.41  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Barium    | 48.9   |           | 2.6  | 0.11  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Beryllium | 0.28   | J         | 1.0  | 0.029 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Cadmium   | 0.72   | J         | 1.0  | 0.031 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Calcium   | 28000  |           | 257  | 3.4   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Chromium  | 13.9   |           | 2.6  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Cobalt    | 6.6    |           | 2.6  | 0.051 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Copper    | 35.3   |           | 5.1  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Iron      | 11800  | B         | 51.3 | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Lead      | 60.7   |           | 5.1  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Magnesium | 9340   |           | 103  | 0.95  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Manganese | 210    |           | 1.0  | 0.033 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Nickel    | 12.1   | J         | 25.7 | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Potassium | 843    |           | 154  | 20.5  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Selenium  | 1.8    | J         | 20.5 | 0.41  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Silver    | 1.9    | J         | 2.6  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Sodium    | 159    | J         | 719  | 13.4  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Thallium  | 30.8   | U         | 30.8 | 0.31  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Vanadium  | 21.5   |           | 2.6  | 0.11  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |
| Zinc      | 57.9   | B         | 10.3 | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 12:58 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.091  |           | 0.021 | 0.0087 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:42 | 1       |

**Client Sample ID: LT-T-008-6-8**

Date Collected: 02/28/14 12:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-23**

Matrix: Solid

Percent Solids: 85.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 15     | J         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| bis (2-chloroisopropyl) ether | 190    | U         | 190 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4,5-Trichlorophenol         | 190    | U         | 190 | 42  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4,6-Trichlorophenol         | 190    | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4-Dichlorophenol            | 190    | U         | 190 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4-Dimethylphenol            | 190    | U         | 190 | 52  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4-Dinitrophenol             | 380    | U         | 380 | 67  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4-Dinitrotoluene            | 190    | U         | 190 | 30  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,6-Dinitrotoluene            | 190    | U         | 190 | 47  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Chloronaphthalene           | 190    | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Chlorophenol                | 190    | U         | 190 | 9.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Methylphenol                | 190    | U         | 190 | 5.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Methylnaphthalene           | 44     | J         | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-6-8**

**Date Collected: 02/28/14 12:35**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-23**

**Matrix: Solid**

**Percent Solids: 85.1**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                       | Result      | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Nitroaniline                | 380         | U         | 380 | 62  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Nitrophenol                 | 190         | U         | 190 | 8.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 3,3'-Dichlorobenzidine        | 190         | U         | 190 | 170 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 3-Nitroaniline                | 380         | U         | 380 | 44  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4,6-Dinitro-2-methylphenol    | 380         | U         | 380 | 67  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Bromophenyl phenyl ether    | 190         | U         | 190 | 61  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Chloro-3-methylphenol       | 190         | U         | 190 | 7.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Chloroaniline               | 190         | U         | 190 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Chlorophenyl phenyl ether   | 190         | U         | 190 | 4.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Methylphenol                | 380         | U         | 380 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Nitroaniline                | 380         | U         | 380 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 4-Nitrophenol                 | 380         | U         | 380 | 47  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Acenaphthene</b>           | <b>150</b>  | <b>J</b>  | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Acenaphthylene</b>         | <b>23</b>   | <b>J</b>  | 190 | 1.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Acetophenone                  | 190         | U         | 190 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Anthracene</b>             | <b>480</b>  |           | 190 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Atrazine                      | 190         | U         | 190 | 8.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Benzaldehyde                  | 190         | U         | 190 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>1100</b> |           | 190 | 3.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>890</b>  |           | 190 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>1000</b> |           | 190 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>380</b>  |           | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>440</b>  |           | 190 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Bis(2-chloroethoxy)methane    | 190         | U         | 190 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Bis(2-chloroethyl)ether       | 190         | U         | 190 | 17  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Bis(2-ethylhexyl) phthalate   | 190         | U         | 190 | 62  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Butyl benzyl phthalate        | 190         | U         | 190 | 52  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Caprolactam                   | 190         | U         | 190 | 83  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Carbazole</b>              | <b>79</b>   | <b>J</b>  | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Chrysene</b>               | <b>1200</b> |           | 190 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Dibenz(a,h)anthracene         | 190         | U         | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Di-n-butyl phthalate          | 190         | U         | 190 | 67  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Di-n-octyl phthalate          | 190         | U         | 190 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Dibenzofuran</b>           | <b>44</b>   | <b>J</b>  | 190 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Diethyl phthalate             | 190         | U         | 190 | 5.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Dimethyl phthalate            | 190         | U         | 190 | 5.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Fluoranthene</b>           | <b>2200</b> |           | 190 | 2.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Fluorene</b>               | <b>150</b>  | <b>J</b>  | 190 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Hexachlorobenzene             | 190         | U         | 190 | 9.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Hexachlorobutadiene           | 190         | U         | 190 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Hexachlorocyclopentadiene     | 190         | U         | 190 | 58  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Hexachloroethane              | 190         | U         | 190 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>300</b>  |           | 190 | 5.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Isophorone                    | 190         | U         | 190 | 9.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| N-Nitrosodi-n-propylamine     | 190         | U         | 190 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| N-Nitrosodiphenylamine        | 190         | U         | 190 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| <b>Naphthalene</b>            | <b>40</b>   | <b>J</b>  | 190 | 3.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Nitrobenzene                  | 190         | U         | 190 | 8.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Pentachlorophenol             | 380         | U         | 380 | 66  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-6-8**

Date Collected: 02/28/14 12:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-23**

Matrix: Solid

Percent Solids: 85.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Phenanthrene                | 2200      |           | 190      | 4.0 | ug/Kg | ⌚ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Phenol                      | 190       | U         | 190      | 20  | ug/Kg | ⌚ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Pyrene                      | 2300      |           | 190      | 1.2 | ug/Kg | ⌚ | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 88        |           | 34 - 132 |     |       |   | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| Phenol-d5 (Surr)            | 96        |           | 11 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| p-Terphenyl-d14 (Surr)      | 93        |           | 65 - 153 |     |       |   | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2,4,6-Tribromophenol (Surr) | 107       |           | 39 - 146 |     |       |   | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Fluorobiphenyl            | 99        |           | 37 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 10:05 | 1       |
| 2-Fluorophenol (Surr)       | 93        |           | 18 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 10:05 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 9.6       | J         | 38       | 7.4 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| 4,4'-DDE               | 11        | J         | 38       | 5.7 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| 4,4'-DDT               | 38        | U         | 38       | 3.9 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Aldrin                 | 38        | U         | 38       | 9.4 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| alpha-BHC              | 38        | U         | 38       | 6.8 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| alpha-Chlordane        | 38        | U         | 38       | 19  | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| beta-BHC               | 38        | U         | 38       | 4.1 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| delta-BHC              | 38        | U         | 38       | 5.0 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Dieldrin               | 38        | U         | 38       | 9.1 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Endosulfan I           | 38        | U         | 38       | 4.8 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Endosulfan II          | 38        | U         | 38       | 6.8 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Endosulfan sulfate     | 38        | U         | 38       | 7.1 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Endrin                 | 38        | U         | 38       | 5.3 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Endrin aldehyde        | 38        | U         | 38       | 9.7 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Endrin ketone          | 38        | U         | 38       | 9.4 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| gamma-BHC (Lindane)    | 38        | U         | 38       | 4.7 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| gamma-Chlordane        | 38        | U         | 38       | 12  | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Heptachlor             | 38        | U         | 38       | 6.0 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Heptachlor epoxide     | 38        | U         | 38       | 9.8 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Methoxychlor           | 38        | U         | 38       | 5.3 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Toxaphene              | 380       | U         | 380      | 220 | ug/Kg | ⌚ | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Surrogate              | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 |     |       |   | 03/06/14 08:37 | 03/06/14 15:18 | 20      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 |     |       |   | 03/06/14 08:37 | 03/06/14 15:18 | 20      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 3630   |           | 58.2 | 5.1   | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Antimony  | 87.3   | U         | 87.3 | 0.47  | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Arsenic   | 8.5    | J         | 11.6 | 0.47  | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Barium    | 34.2   |           | 2.9  | 0.13  | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Beryllium | 0.088  | J         | 1.2  | 0.033 | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Cadmium   | 1.2    | U         | 1.2  | 0.035 | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Calcium   | 816    |           | 291  | 3.8   | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Chromium  | 11.5   |           | 2.9  | 0.23  | mg/Kg | ⌚ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-6-8**

Date Collected: 02/28/14 12:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-23**

Matrix: Solid

Percent Solids: 85.1

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cobalt    | 0.93   | J         | 2.9  | 0.058 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Copper    | 6.1    |           | 5.8  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Iron      | 4690   | B         | 58.2 | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Lead      | 3.7    | J         | 5.8  | 0.28  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Magnesium | 715    |           | 116  | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Manganese | 36.2   |           | 1.2  | 0.037 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Nickel    | 2.8    | J         | 29.1 | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Potassium | 724    |           | 175  | 23.3  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Selenium  | 0.55   | J         | 23.3 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Silver    | 2.9    | U         | 2.9  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Sodium    | 154    | J         | 814  | 15.1  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Thallium  | 34.9   | U         | 34.9 | 0.35  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Vanadium  | 10     |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |
| Zinc      | 10.3   | J B       | 11.6 | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:01 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.015  | J         | 0.024 | 0.0097 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:44 | 1       |

**Client Sample ID: LT-T-008-14-16**

Date Collected: 02/28/14 12:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-24**

Matrix: Solid

Percent Solids: 64.2

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result    | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 7.5       | U         | 7.5 | 0.54 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,1,2,2-Tetrachloroethane             | 7.5       | U         | 7.5 | 1.2  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 7.5       | U         | 7.5 | 1.7  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,1,2-Trichloroethane                 | 7.5       | U         | 7.5 | 0.98 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,1-Dichloroethane                    | 7.5       | U         | 7.5 | 0.92 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,1-Dichloroethene                    | 7.5       | U         | 7.5 | 0.92 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2,4-Trichlorobenzene                | 7.5       | U         | 7.5 | 0.46 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2,4-Trimethylbenzene                | 7.5       | U         | 7.5 | 1.4  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 7.5       | U         | 7.5 | 3.8  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2-Dibromoethane                     | 7.5       | U         | 7.5 | 0.96 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2-Dichlorobenzene                   | 7.5       | U         | 7.5 | 0.59 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2-Dichloroethane                    | 7.5       | U         | 7.5 | 0.38 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,2-Dichloropropane                   | 7.5       | U         | 7.5 | 3.8  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,3,5-Trimethylbenzene                | 7.5       | U         | 7.5 | 0.48 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,3-Dichlorobenzene                   | 7.5       | U         | 7.5 | 0.39 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,4-Dichlorobenzene                   | 7.5       | U         | 7.5 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 1,4-Dioxane                           | 300       | U         | 300 | 36   | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 2-Butanone (MEK)                      | 38        | U         | 38  | 2.7  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 2-Hexanone                            | 38        | U         | 38  | 3.8  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 38        | U         | 38  | 2.5  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| <b>Acetone</b>                        | <b>30</b> | <b>J</b>  | 38  | 6.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Benzene                               | 7.5       | U         | 7.5 | 0.37 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Bromodichloromethane                  | 7.5       | U         | 7.5 | 1.0  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Bromoform                             | 7.5       | U         | 7.5 | 3.8  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Bromomethane                          | 7.5       | U         | 7.5 | 0.68 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-14-16**

Date Collected: 02/28/14 12:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-24**

Matrix: Solid

Percent Solids: 64.2

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                         | Result       | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| <b>Carbon disulfide</b>         | <b>20</b>    |           | 7.5 | 3.8  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Carbon tetrachloride            | 7.5          | U         | 7.5 | 0.73 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Chlorobenzene                   | 7.5          | U         | 7.5 | 0.99 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Chloroethane                    | 7.5          | U         | 7.5 | 1.7  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Chloroform                      | 7.5          | U         | 7.5 | 0.46 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Chloromethane                   | 7.5          | U         | 7.5 | 0.45 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| <b>cis-1,2-Dichloroethene</b>   | <b>13</b>    |           | 7.5 | 0.96 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| cis-1,3-Dichloropropene         | 7.5          | U         | 7.5 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| <b>Cyclohexane</b>              | <b>2.7 J</b> |           | 7.5 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Dibromochloromethane            | 7.5          | U         | 7.5 | 0.96 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Dichlorodifluoromethane         | 7.5          | U         | 7.5 | 0.62 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Ethylbenzene                    | 7.5          | U         | 7.5 | 0.52 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Isopropylbenzene                | 7.5          | U         | 7.5 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Methyl acetate                  | 7.5          | U         | 7.5 | 1.4  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Methyl tert-butyl ether         | 7.5          | U         | 7.5 | 0.74 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| <b>Methylcyclohexane</b>        | <b>4.2 J</b> |           | 7.5 | 1.1  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Methylene Chloride              | 7.5          | U         | 7.5 | 3.5  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| n-Butylbenzene                  | 7.5          | U         | 7.5 | 0.65 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| N-Propylbenzene                 | 7.5          | U         | 7.5 | 0.60 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| sec-Butylbenzene                | 7.5          | U         | 7.5 | 0.65 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Styrene                         | 7.5          | U         | 7.5 | 0.38 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| tert-Butylbenzene               | 7.5          | U         | 7.5 | 0.78 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Tetrachloroethene               | 7.5          | U         | 7.5 | 1.0  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Toluene                         | 7.5          | U         | 7.5 | 0.57 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| <b>trans-1,2-Dichloroethene</b> | <b>3.5 J</b> |           | 7.5 | 0.77 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| trans-1,3-Dichloropropene       | 7.5          | U         | 7.5 | 3.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Trichloroethene                 | 7.5          | U         | 7.5 | 1.7  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Trichlorofluoromethane          | 7.5          | U         | 7.5 | 0.71 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Vinyl chloride                  | 7.5          | U         | 7.5 | 0.92 | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Xylenes, Total                  | 15           | U         | 15  | 1.3  | ug/Kg | ⊗ | 03/03/14 11:17 | 03/03/14 16:27 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 64 - 126 | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 72 - 126 | 03/03/14 11:17 | 03/03/14 16:27 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 71 - 125 | 03/03/14 11:17 | 03/03/14 16:27 | 1       |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 260    | U         | 260 | 16  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| bis (2-chloroisopropyl) ether | 260    | U         | 260 | 27  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4,5-Trichlorophenol         | 260    | U         | 260 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4,6-Trichlorophenol         | 260    | U         | 260 | 17  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4-Dichlorophenol            | 260    | U         | 260 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4-Dimethylphenol            | 260    | U         | 260 | 70  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4-Dinitrophenol             | 510    | U         | 510 | 91  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4-Dinitrotoluene            | 260    | U         | 260 | 40  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,6-Dinitrotoluene            | 260    | U         | 260 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Chloronaphthalene           | 260    | U         | 260 | 17  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Chlorophenol                | 260    | U         | 260 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Methylphenol                | 260    | U         | 260 | 8.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-14-16**

Date Collected: 02/28/14 12:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-24**

Matrix: Solid

Percent Solids: 64.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                       | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| <b>2-Methylnaphthalene</b>    | <b>16 J</b>  |           | 260 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Nitroaniline                | 510 U        |           | 510 | 83  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Nitrophenol                 | 260 U        |           | 260 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 3,3'-Dichlorobenzidine        | 260 U        |           | 260 | 230 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 3-Nitroaniline                | 510 U        |           | 510 | 60  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4,6-Dinitro-2-methylphenol    | 510 U        |           | 510 | 90  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Bromophenyl phenyl ether    | 260 U        |           | 260 | 83  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Chloro-3-methylphenol       | 260 U        |           | 260 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Chloroaniline               | 260 U        |           | 260 | 76  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Chlorophenyl phenyl ether   | 260 U        |           | 260 | 5.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Methylphenol                | 510 U        |           | 510 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Nitroaniline                | 510 U        |           | 510 | 29  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 4-Nitrophenol                 | 510 U        |           | 510 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Acenaphthene</b>           | <b>80 J</b>  |           | 260 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Acenaphthylene</b>         | <b>15 J</b>  |           | 260 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Acetophenone                  | 260 U        |           | 260 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Anthracene</b>             | <b>180 J</b> |           | 260 | 6.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Atrazine                      | 260 U        |           | 260 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Benzaldehyde                  | 260 U        |           | 260 | 28  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>420</b>   |           | 260 | 4.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>370</b>   |           | 260 | 6.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>430</b>   |           | 260 | 5.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>150 J</b> |           | 260 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>170 J</b> |           | 260 | 2.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Bis(2-chloroethoxy)methane    | 260 U        |           | 260 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Bis(2-chloroethyl)ether       | 260 U        |           | 260 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Bis(2-ethylhexyl) phthalate   | 260 U        |           | 260 | 84  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Butyl benzyl phthalate        | 260 U        |           | 260 | 70  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Caprolactam                   | 260 U        |           | 260 | 110 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Carbazole</b>              | <b>37 J</b>  |           | 260 | 3.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Chrysene</b>               | <b>450</b>   |           | 260 | 2.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Dibenz(a,h)anthracene         | 260 U        |           | 260 | 3.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Di-n-butyl phthalate          | 260 U        |           | 260 | 90  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Di-n-octyl phthalate          | 260 U        |           | 260 | 6.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Dibenzofuran</b>           | <b>20 J</b>  |           | 260 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Diethyl phthalate             | 260 U        |           | 260 | 7.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Dimethyl phthalate            | 260 U        |           | 260 | 6.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Fluoranthene</b>           | <b>920</b>   |           | 260 | 3.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Fluorene</b>               | <b>66 J</b>  |           | 260 | 6.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Hexachlorobenzene             | 260 U        |           | 260 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Hexachlorobutadiene           | 260 U        |           | 260 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Hexachlorocyclopentadiene     | 260 U        |           | 260 | 78  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Hexachloroethane              | 260 U        |           | 260 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>130 J</b> |           | 260 | 7.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Isophorone                    | 260 U        |           | 260 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| N-Nitrosodi-n-propylamine     | 260 U        |           | 260 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| N-Nitrosodiphenylamine        | 260 U        |           | 260 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Naphthalene</b>            | <b>26 J</b>  |           | 260 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Nitrobenzene                  | 260 U        |           | 260 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-14-16**

Date Collected: 02/28/14 12:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-24**

Matrix: Solid

Percent Solids: 64.2

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Pentachlorophenol           | 510        | U         | 510      | 89  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Phenanthrene</b>         | <b>810</b> |           | 260      | 5.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Phenol                      | 260        | U         | 260      | 27  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| <b>Pyrene</b>               | <b>940</b> |           | 260      | 1.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Surrogate                   | %Recovery  | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 85         |           | 34 - 132 |     |       |   | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| Phenol-d5 (Surr)            | 94         |           | 11 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| p-Terphenyl-d14 (Surr)      | 91         |           | 65 - 153 |     |       |   | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2,4,6-Tribromophenol (Surr) | 105        |           | 39 - 146 |     |       |   | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Fluorobiphenyl            | 93         |           | 37 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 10:30 | 1       |
| 2-Fluorophenol (Surr)       | 89         |           | 18 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 10:30 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 130       | U         | 130      | 25  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| 4,4'-DDE               | 130       | U         | 130      | 19  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| 4,4'-DDT               | 130       | U         | 130      | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Aldrin                 | 130       | U         | 130      | 32  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| alpha-BHC              | 130       | U         | 130      | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| alpha-Chlordane        | 130       | U         | 130      | 65  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| beta-BHC               | 130       | U         | 130      | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| delta-BHC              | 130       | U         | 130      | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Dieldrin               | 130       | U         | 130      | 31  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Endosulfan I           | 130       | U         | 130      | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Endosulfan II          | 130       | U         | 130      | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Endosulfan sulfate     | 130       | U         | 130      | 24  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Endrin                 | 130       | U         | 130      | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Endrin aldehyde        | 130       | U         | 130      | 33  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Endrin ketone          | 130       | U         | 130      | 32  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| gamma-BHC (Lindane)    | 130       | U         | 130      | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| gamma-Chlordane        | 130       | U         | 130      | 41  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Heptachlor             | 130       | U         | 130      | 20  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Heptachlor epoxide     | 130       | U         | 130      | 33  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Methoxychlor           | 130       | U         | 130      | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Toxaphene              | 1300      | U         | 1300     | 750 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Surrogate              | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 |     |       |   | 03/06/14 08:37 | 03/06/14 15:36 | 50      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 |     |       |   | 03/06/14 08:37 | 03/06/14 15:36 | 50      |

## Method: 6010C - Metals (ICP)

| Analyte          | Result        | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|---------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>7930</b>   |           | 72.2 | 6.4   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Antimony         | 108           | U         | 108  | 0.58  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| <b>Arsenic</b>   | <b>5.9 J</b>  |           | 14.4 | 0.58  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| <b>Barium</b>    | <b>37.8</b>   |           | 3.6  | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| <b>Beryllium</b> | <b>0.44 J</b> |           | 1.4  | 0.040 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| <b>Cadmium</b>   | <b>0.21 J</b> |           | 1.4  | 0.043 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| <b>Calcium</b>   | <b>2890</b>   |           | 361  | 4.8   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-008-14-16**

Date Collected: 02/28/14 12:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-24**

Matrix: Solid

Percent Solids: 64.2

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Chromium  | 20.3   |           | 3.6  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Cobalt    | 4.5    |           | 3.6  | 0.072 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Copper    | 17.2   |           | 7.2  | 0.30  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Iron      | 19100  | B         | 72.2 | 1.6   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Lead      | 52.0   |           | 7.2  | 0.35  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Magnesium | 2150   |           | 144  | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Manganese | 331    |           | 1.4  | 0.046 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Nickel    | 9.7    | J         | 36.1 | 0.33  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Potassium | 1170   |           | 217  | 28.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Selenium  | 0.72   | J         | 28.9 | 0.58  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Silver    | 3.6    | U         | 3.6  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Sodium    | 312    | J         | 1010 | 18.8  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Thallium  | 43.3   | U         | 43.3 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Vanadium  | 24.7   |           | 3.6  | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |
| Zinc      | 50.1   | B         | 14.4 | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:09 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.058  |           | 0.030 | 0.012 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:50 | 1       |

**Client Sample ID: DUP035**

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-25**

Matrix: Solid

Percent Solids: 82.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| bis (2-chloroisopropyl) ether | 200    | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,4,5-Trichlorophenol         | 200    | U         | 200 | 44  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,4,6-Trichlorophenol         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,4-Dichlorophenol            | 200    | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,4-Dimethylphenol            | 200    | U         | 200 | 54  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,4-Dinitrophenol             | 390    | U         | 390 | 70  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,4-Dinitrotoluene            | 200    | U         | 200 | 31  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2,6-Dinitrotoluene            | 200    | U         | 200 | 49  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2-Chloronaphthalene           | 200    | U         | 200 | 14  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2-Chlorophenol                | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2-Methylphenol                | 200    | U         | 200 | 6.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2-Methylnaphthalene           | 200    | U         | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2-Nitroaniline                | 390    | U         | 390 | 65  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 2-Nitrophenol                 | 200    | U         | 200 | 9.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 3,3'-Dichlorobenzidine        | 200    | U         | 200 | 180 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 3-Nitroaniline                | 390    | U         | 390 | 46  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4,6-Dinitro-2-methylphenol    | 390    | U         | 390 | 69  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4-Bromophenyl phenyl ether    | 200    | U         | 200 | 64  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4-Chloro-3-methylphenol       | 200    | U         | 200 | 8.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4-Chloroaniline               | 200    | U         | 200 | 59  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4-Chlorophenyl phenyl ether   | 200    | U         | 200 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4-Methylphenol                | 390    | U         | 390 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| 4-Nitroaniline                | 390    | U         | 390 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 10:55 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: DUP035**

**Date Collected: 02/28/14 00:00**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-25**

**Matrix: Solid**

**Percent Solids: 82.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                       | Result     | Qualifier | RL       | MDL | Unit  | D              | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|----------|-----|-------|----------------|----------------|----------------|---------|
| 4-Nitrophenol                 | 390        | U         | 390      | 49  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Acenaphthene</b>           | <b>28</b>  | <b>J</b>  | 200      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Acenaphthylene                | 200        | U         | 200      | 1.6 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Acetophenone                  | 200        | U         | 200      | 10  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Anthracene</b>             | <b>140</b> | <b>J</b>  | 200      | 5.2 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Atrazine                      | 200        | U         | 200      | 9.0 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Benzaldehyde                  | 200        | U         | 200      | 22  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>130</b> | <b>J</b>  | 200      | 3.5 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>99</b>  | <b>J</b>  | 200      | 4.8 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>120</b> | <b>J</b>  | 200      | 3.9 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>43</b>  | <b>J</b>  | 200      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>55</b>  | <b>J</b>  | 200      | 2.2 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Bis(2-chloroethoxy)methane    | 200        | U         | 200      | 11  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Bis(2-chloroethyl)ether       | 200        | U         | 200      | 17  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Bis(2-ethylhexyl) phthalate   | 200        | U         | 200      | 65  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Butyl benzyl phthalate        | 200        | U         | 200      | 54  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Caprolactam                   | 200        | U         | 200      | 87  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Carbazole</b>              | <b>13</b>  | <b>J</b>  | 200      | 2.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Chrysene</b>               | <b>120</b> | <b>J</b>  | 200      | 2.0 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Dibenz(a,h)anthracene         | 200        | U         | 200      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Di-n-butyl phthalate          | 200        | U         | 200      | 70  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Di-n-octyl phthalate          | 200        | U         | 200      | 4.7 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Dibenzofuran</b>           | <b>14</b>  | <b>J</b>  | 200      | 2.1 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Diethyl phthalate             | 200        | U         | 200      | 6.1 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Dimethyl phthalate            | 200        | U         | 200      | 5.2 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Fluoranthene</b>           | <b>300</b> |           | 200      | 2.9 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Fluorene</b>               | <b>56</b>  | <b>J</b>  | 200      | 4.6 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Hexachlorobenzene             | 200        | U         | 200      | 10  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Hexachlorobutadiene           | 200        | U         | 200      | 10  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Hexachlorocyclopentadiene     | 200        | U         | 200      | 61  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Hexachloroethane              | 200        | U         | 200      | 16  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>36</b>  | <b>J</b>  | 200      | 5.6 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Iosphorone                    | 200        | U         | 200      | 10  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| N-Nitrosodi-n-propylamine     | 200        | U         | 200      | 16  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| N-Nitrosodiphenylamine        | 200        | U         | 200      | 11  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Naphthalene                   | 200        | U         | 200      | 3.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Nitrobenzene                  | 200        | U         | 200      | 8.9 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Pentachlorophenol             | 390        | U         | 390      | 69  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Phenanthrene</b>           | <b>360</b> |           | 200      | 4.2 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Phenol                        | 200        | U         | 200      | 21  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| <b>Pyrene</b>                 | <b>300</b> |           | 200      | 1.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 10:55 | 1       |
| Surrogate                     | %Recovery  | Qualifier | Limits   |     |       | Prepared       | Analyzed       | Dil Fac        |         |
| Nitrobenzene-d5 (Surr)        | 90         |           | 34 - 132 |     |       | 03/05/14 07:44 | 03/07/14 10:55 | 1              |         |
| Phenol-d5 (Surr)              | 95         |           | 11 - 120 |     |       | 03/05/14 07:44 | 03/07/14 10:55 | 1              |         |
| p-Terphenyl-d14 (Surr)        | 98         |           | 65 - 153 |     |       | 03/05/14 07:44 | 03/07/14 10:55 | 1              |         |
| 2,4,6-Tribromophenol (Surr)   | 103        |           | 39 - 146 |     |       | 03/05/14 07:44 | 03/07/14 10:55 | 1              |         |
| 2-Fluorobiphenyl              | 98         |           | 37 - 120 |     |       | 03/05/14 07:44 | 03/07/14 10:55 | 1              |         |
| 2-Fluorophenol (Surr)         | 92         |           | 18 - 120 |     |       | 03/05/14 07:44 | 03/07/14 10:55 | 1              |         |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: DUP035**

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-25**

Matrix: Solid

Percent Solids: 82.9

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| 4,4'-DDD               | 2.0              | U                | 2.0           | 0.39 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| <b>4,4'-DDE</b>        | <b>0.74</b>      | <b>J</b>         | 2.0           | 0.30 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| <b>4,4'-DDT</b>        | <b>0.80</b>      | <b>J</b>         | 2.0           | 0.20 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Aldrin                 | 2.0              | U                | 2.0           | 0.49 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| alpha-BHC              | 2.0              | U                | 2.0           | 0.36 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| alpha-Chlordane        | 2.0              | U                | 2.0           | 0.99 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| beta-BHC               | 2.0              | U                | 2.0           | 0.21 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| <b>delta-BHC</b>       | <b>0.55</b>      | <b>J</b>         | 2.0           | 0.26 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Dieldrin               | 2.0              | U                | 2.0           | 0.48 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Endosulfan I           | 2.0              | U                | 2.0           | 0.25 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Endosulfan II          | 2.0              | U                | 2.0           | 0.36 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Endosulfan sulfate     | 2.0              | U                | 2.0           | 0.37 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Endrin                 | 2.0              | U                | 2.0           | 0.27 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Endrin aldehyde        | 2.0              | U                | 2.0           | 0.51 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Endrin ketone          | 2.0              | U                | 2.0           | 0.49 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| gamma-BHC (Lindane)    | 2.0              | U                | 2.0           | 0.25 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| gamma-Chlordane        | 2.0              | U                | 2.0           | 0.63 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Heptachlor             | 2.0              | U                | 2.0           | 0.31 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Heptachlor epoxide     | 2.0              | U                | 2.0           | 0.51 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| <b>Methoxychlor</b>    | <b>0.66</b>      | <b>J</b>         | 2.0           | 0.27 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Toxaphene              | 20               | U                | 20            | 12   | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 96               |                  | 32 - 136      |      |       |   | 03/05/14 07:38  | 03/05/14 17:18  | 1              |
| Tetrachloro-m-xylene   | 77               |                  | 30 - 124      |      |       |   | 03/05/14 07:38  | 03/05/14 17:18  | 1              |

## Method: 6010C - Metals (ICP)

| Analyte          | Result       | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>4600</b>  |           | 59.2 | 5.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| Antimony         | 88.8         | U         | 88.8 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Arsenic</b>   | <b>2.9</b>   | <b>J</b>  | 11.8 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Barium</b>    | <b>11.5</b>  |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Beryllium</b> | <b>0.27</b>  | <b>J</b>  | 1.2  | 0.033 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Cadmium</b>   | <b>0.067</b> | <b>J</b>  | 1.2  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Calcium</b>   | <b>846</b>   |           | 296  | 3.9   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Chromium</b>  | <b>9.8</b>   |           | 3.0  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Cobalt</b>    | <b>2.8</b>   | <b>J</b>  | 3.0  | 0.059 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Copper</b>    | <b>10.0</b>  |           | 5.9  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Iron</b>      | <b>6960</b>  | <b>B</b>  | 59.2 | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Lead</b>      | <b>4.3</b>   | <b>J</b>  | 5.9  | 0.28  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Magnesium</b> | <b>1480</b>  |           | 118  | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Manganese</b> | <b>60.1</b>  |           | 1.2  | 0.038 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Nickel</b>    | <b>6.6</b>   | <b>J</b>  | 29.6 | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Potassium</b> | <b>813</b>   |           | 178  | 23.7  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Selenium</b>  | <b>1.7</b>   | <b>J</b>  | 23.7 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| Silver           | 3.0          | U         | 3.0  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Sodium</b>    | <b>458</b>   | <b>J</b>  | 829  | 15.4  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| Thallium         | 35.5         | U         | 35.5 | 0.36  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Vanadium</b>  | <b>14.9</b>  |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |
| <b>Zinc</b>      | <b>23.1</b>  | <b>B</b>  | 11.8 | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:12 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Client Sample ID: DUP035

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

## Lab Sample ID: 480-55387-25

Matrix: Solid

Percent Solids: 82.9

### Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.010  | J         | 0.024 | 0.0096 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:46 | 1       |

## Client Sample ID: DUP036

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

## Lab Sample ID: 480-55387-26

Matrix: Solid

Percent Solids: 83.3

### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200        | U         | 200 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| bis (2-chloroisopropyl) ether | 200        | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,4,5-Trichlorophenol         | 200        | U         | 200 | 43  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,4,6-Trichlorophenol         | 200        | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,4-Dichlorophenol            | 200        | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,4-Dimethylphenol            | 200        | U         | 200 | 53  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,4-Dinitrophenol             | 390        | U         | 390 | 69  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,4-Dinitrotoluene            | 200        | U         | 200 | 31  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2,6-Dinitrotoluene            | 200        | U         | 200 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2-Chloronaphthalene           | 200        | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2-Chlorophenol                | 200        | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2-Methylphenol                | 200        | U         | 200 | 6.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>2-Methylnaphthalene</b>    | <b>13</b>  | <b>J</b>  | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2-Nitroaniline                | 390        | U         | 390 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 2-Nitrophenol                 | 200        | U         | 200 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 3,3'-Dichlorobenzidine        | 200        | U         | 200 | 170 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 3-Nitroaniline                | 390        | U         | 390 | 45  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4,6-Dinitro-2-methylphenol    | 390        | U         | 390 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Bromophenyl phenyl ether    | 200        | U         | 200 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Chloro-3-methylphenol       | 200        | U         | 200 | 8.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Chloroaniline               | 200        | U         | 200 | 58  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Chlorophenyl phenyl ether   | 200        | U         | 200 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Methylphenol                | 390        | U         | 390 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Nitroaniline                | 390        | U         | 390 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| 4-Nitrophenol                 | 390        | U         | 390 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Acenaphthene</b>           | <b>41</b>  | <b>J</b>  | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Acenaphthylene</b>         | <b>15</b>  | <b>J</b>  | 200 | 1.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Acetophenone                  | 200        | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Anthracene</b>             | <b>96</b>  | <b>J</b>  | 200 | 5.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Atrazine                      | 200        | U         | 200 | 8.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Benzaldehyde                  | 200        | U         | 200 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>280</b> |           | 200 | 3.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>260</b> |           | 200 | 4.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>340</b> |           | 200 | 3.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>100</b> | <b>J</b>  | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>140</b> | <b>J</b>  | 200 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Bis(2-chloroethoxy)methane    | 200        | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Bis(2-chloroethyl)ether       | 200        | U         | 200 | 17  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Bis(2-ethylhexyl) phthalate   | 200        | U         | 200 | 64  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Butyl benzyl phthalate        | 200        | U         | 200 | 53  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| Caprolactam                   | 200        | U         | 200 | 85  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |
| <b>Carbazole</b>              | <b>24</b>  | <b>J</b>  | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:19 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: DUP036**

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-26**

Matrix: Solid

Percent Solids: 83.3

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Chrysene</b>               | <b>330</b>       |                  | 200           | 2.0 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Dibenz(a,h)anthracene         | 200              | U                | 200           | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Di-n-butyl phthalate          | 200              | U                | 200           | 68  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Di-n-octyl phthalate          | 200              | U                | 200           | 4.6 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Dibenzofuran</b>           | <b>15 J</b>      |                  | 200           | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Diethyl phthalate             | 200              | U                | 200           | 6.0 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Dimethyl phthalate            | 200              | U                | 200           | 5.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Fluoranthene</b>           | <b>620</b>       |                  | 200           | 2.9 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Fluorene</b>               | <b>31 J</b>      |                  | 200           | 4.5 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Hexachlorobenzene             | 200              | U                | 200           | 9.8 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Hexachlorobutadiene           | 200              | U                | 200           | 10  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Hexachlorocyclopentadiene     | 200              | U                | 200           | 60  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Hexachloroethane              | 200              | U                | 200           | 15  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>75 J</b>      |                  | 200           | 5.5 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Isophorone                    | 200              | U                | 200           | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| N-Nitrosodi-n-propylamine     | 200              | U                | 200           | 16  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| N-Nitrosodiphenylamine        | 200              | U                | 200           | 11  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Naphthalene</b>            | <b>15 J</b>      |                  | 200           | 3.3 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Nitrobenzene                  | 200              | U                | 200           | 8.7 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Pentachlorophenol             | 390              | U                | 390           | 68  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Phenanthrene</b>           | <b>480</b>       |                  | 200           | 4.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Phenol                        | 200              | U                | 200           | 21  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Pyrene</b>                 | <b>610</b>       |                  | 200           | 1.3 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 91               |                  | 34 - 132      |     |       |   | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| Phenol-d5 (Surr)              | 102              |                  | 11 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| p-Terphenyl-d14 (Surr)        | 91               |                  | 65 - 153      |     |       |   | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| 2,4,6-Tribromophenol (Surr)   | 110              |                  | 39 - 146      |     |       |   | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| 2-Fluorobiphenyl              | 100              |                  | 37 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 11:19  | 1              |
| 2-Fluorophenol (Surr)         | 100              |                  | 18 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 11:19  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result      | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 97          | U         | 97 | 19  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| <b>4,4'-DDE</b>     | <b>25 J</b> |           | 97 | 15  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| 4,4'-DDT            | 97          | U         | 97 | 9.9 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Aldrin              | 97          | U         | 97 | 24  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| alpha-BHC           | 97          | U         | 97 | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| alpha-Chlordane     | 97          | U         | 97 | 48  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| beta-BHC            | 97          | U         | 97 | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| delta-BHC           | 97          | U         | 97 | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Dieldrin            | 97          | U         | 97 | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Endosulfan I        | 97          | U         | 97 | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Endosulfan II       | 97          | U         | 97 | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Endosulfan sulfate  | 97          | U         | 97 | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Endrin              | 97          | U         | 97 | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Endrin aldehyde     | 97          | U         | 97 | 25  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| Endrin ketone       | 97          | U         | 97 | 24  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |
| gamma-BHC (Lindane) | 97          | U         | 97 | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 15:54 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: DUP036**

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-26**

Matrix: Solid

Percent Solids: 83.3

**Method: 8081B - Organochlorine Pesticides (GC) (Continued)**

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| gamma-Chlordane        | 97               | U                | 97  | 31            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 15:54  | 50             |
| Heptachlor             | 97               | U                | 97  | 15            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 15:54  | 50             |
| Heptachlor epoxide     | 97               | U                | 97  | 25            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 15:54  | 50             |
| Methoxychlor           | 97               | U                | 97  | 13            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 15:54  | 50             |
| Toxaphene              | 970              | U                | 970 | 570           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 15:54  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:37  | 03/06/14 15:54  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:37  | 03/06/14 15:54  | 50             |

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 8300   |           | 58.2 | 5.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Antimony  | 87.2   | U         | 87.2 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Arsenic   | 3.7    | J         | 11.6 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Barium    | 42.4   |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Beryllium | 0.29   | J         | 1.2  | 0.033 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Cadmium   | 0.11   | J         | 1.2  | 0.035 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Calcium   | 960    |           | 291  | 3.8   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Chromium  | 14.3   |           | 2.9  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Cobalt    | 4.2    |           | 2.9  | 0.058 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Copper    | 16.6   |           | 5.8  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Iron      | 11200  | B         | 58.2 | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Lead      | 9.2    |           | 5.8  | 0.28  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Magnesium | 1780   |           | 116  | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Manganese | 169    |           | 1.2  | 0.037 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Nickel    | 8.9    | J         | 29.1 | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Potassium | 718    |           | 174  | 23.3  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Selenium  | 23.3   | U         | 23.3 | 0.47  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Silver    | 2.9    | U         | 2.9  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Sodium    | 152    | J         | 814  | 15.1  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Thallium  | 34.9   | U         | 34.9 | 0.35  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Vanadium  | 17.2   |           | 2.9  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |
| Zinc      | 26.1   | B         | 11.6 | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:15 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.029  |           | 0.024 | 0.0099 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:48 | 1       |

**Client Sample ID: LT-T-012-02**

Date Collected: 02/28/14 12:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-27**

Matrix: Solid

Percent Solids: 87.9

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 190    | U         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| bis (2-chloroisopropyl) ether | 190    | U         | 190 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2,4,5-Trichlorophenol         | 190    | U         | 190 | 41  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2,4,6-Trichlorophenol         | 190    | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2,4-Dichlorophenol            | 190    | U         | 190 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-0-2**

**Date Collected: 02/28/14 12:55**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-27**

**Matrix: Solid**

**Percent Solids: 87.9**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,4-Dimethylphenol          | 190        | U         | 190 | 51  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2,4-Dinitrophenol           | 370        | U         | 370 | 66  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2,4-Dinitrotoluene          | 190        | U         | 190 | 29  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2,6-Dinitrotoluene          | 190        | U         | 190 | 46  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2-Chloronaphthalene         | 190        | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2-Chlorophenol              | 190        | U         | 190 | 9.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2-Methylphenol              | 190        | U         | 190 | 5.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>2-Methylnaphthalene</b>  | <b>44</b>  | <b>J</b>  | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2-Nitroaniline              | 370        | U         | 370 | 61  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 2-Nitrophenol               | 190        | U         | 190 | 8.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 3,3'-Dichlorobenzidine      | 190        | U         | 190 | 170 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 3-Nitroaniline              | 370        | U         | 370 | 44  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4,6-Dinitro-2-methylphenol  | 370        | U         | 370 | 65  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Bromophenyl phenyl ether  | 190        | U         | 190 | 60  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Chloro-3-methylphenol     | 190        | U         | 190 | 7.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Chloroaniline             | 190        | U         | 190 | 56  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Chlorophenyl phenyl ether | 190        | U         | 190 | 4.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Methylphenol              | 370        | U         | 370 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Nitroaniline              | 370        | U         | 370 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| 4-Nitrophenol               | 370        | U         | 370 | 46  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Acenaphthene</b>         | <b>9.6</b> | <b>J</b>  | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Acenaphthylene              | 190        | U         | 190 | 1.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Acetophenone                | 190        | U         | 190 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Anthracene</b>           | <b>23</b>  | <b>J</b>  | 190 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Atrazine                    | 190        | U         | 190 | 8.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Benzaldehyde                | 190        | U         | 190 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Benzo[a]anthracene</b>   | <b>65</b>  | <b>J</b>  | 190 | 3.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Benzo[a]pyrene</b>       | <b>74</b>  | <b>J</b>  | 190 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Benzo[b]fluoranthene</b> | <b>120</b> | <b>J</b>  | 190 | 3.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Benzo[g,h,i]perylene</b> | <b>39</b>  | <b>J</b>  | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Benzo[k]fluoranthene</b> | <b>36</b>  | <b>J</b>  | 190 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Bis(2-chloroethoxy)methane  | 190        | U         | 190 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Bis(2-chloroethyl)ether     | 190        | U         | 190 | 16  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Bis(2-ethylhexyl) phthalate | 190        | U         | 190 | 61  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Butyl benzyl phthalate      | 190        | U         | 190 | 51  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Caprolactam                 | 190        | U         | 190 | 82  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Carbazole</b>            | <b>9.3</b> | <b>J</b>  | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Chrysene</b>             | <b>76</b>  | <b>J</b>  | 190 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Dibenz(a,h)anthracene       | 190        | U         | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Di-n-butyl phthalate        | 190        | U         | 190 | 65  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Di-n-octyl phthalate        | 190        | U         | 190 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Dibenzofuran</b>         | <b>11</b>  | <b>J</b>  | 190 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Diethyl phthalate           | 190        | U         | 190 | 5.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Dimethyl phthalate          | 190        | U         | 190 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Fluoranthene</b>         | <b>98</b>  | <b>J</b>  | 190 | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Fluorene                    | 190        | U         | 190 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Hexachlorobenzene           | 190        | U         | 190 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Hexachlorobutadiene         | 190        | U         | 190 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Hexachlorocyclopentadiene   | 190        | U         | 190 | 57  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-0-2**

Date Collected: 02/28/14 12:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-27**

Matrix: Solid

Percent Solids: 87.9

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                            | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Hexachloroethane                   | 190       | U         | 190      | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b>      | <b>34</b> | <b>J</b>  | 190      | 5.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Isophorone                         | 190       | U         | 190      | 9.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| N-Nitrosodi-n-propylamine          | 190       | U         | 190      | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| N-Nitrosodiphenylamine             | 190       | U         | 190      | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Naphthalene</b>                 | <b>23</b> | <b>J</b>  | 190      | 3.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Nitrobenzene                       | 190       | U         | 190      | 8.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Pentachlorophenol                  | 370       | U         | 370      | 65  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Phenanthrene</b>                | <b>73</b> | <b>J</b>  | 190      | 4.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| Phenol                             | 190       | U         | 190      | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <b>Pyrene</b>                      | <b>85</b> | <b>J</b>  | 190      | 1.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <hr/>                              |           |           |          |     |       |   |                |                |         |
| Surrogate                          | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| <i>Nitrobenzene-d5 (Surr)</i>      | 89        |           | 34 - 132 |     |       |   | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <i>Phenol-d5 (Surr)</i>            | 96        |           | 11 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <i>p-Terphenyl-d14 (Surr)</i>      | 91        |           | 65 - 153 |     |       |   | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <i>2,4,6-Tribromophenol (Surr)</i> | 104       |           | 39 - 146 |     |       |   | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <i>2-Fluorobiphenyl</i>            | 94        |           | 37 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 11:44 | 1       |
| <i>2-Fluorophenol (Surr)</i>       | 94        |           | 18 - 120 |     |       |   | 03/05/14 07:44 | 03/07/14 11:44 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                       | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD                      | 94        | U         | 94       | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| 4,4'-DDE                      | 94        | U         | 94       | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| <b>4,4'-DDT</b>               | <b>36</b> | <b>J</b>  | 94       | 9.5 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Aldrin                        | 94        | U         | 94       | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| alpha-BHC                     | 94        | U         | 94       | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| alpha-Chlordane               | 94        | U         | 94       | 46  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| beta-BHC                      | 94        | U         | 94       | 10  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| delta-BHC                     | 94        | U         | 94       | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Dieldrin                      | 94        | U         | 94       | 22  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Endosulfan I                  | 94        | U         | 94       | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Endosulfan II                 | 94        | U         | 94       | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Endosulfan sulfate            | 94        | U         | 94       | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Endrin                        | 94        | U         | 94       | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Endrin aldehyde               | 94        | U         | 94       | 24  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Endrin ketone                 | 94        | U         | 94       | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| gamma-BHC (Lindane)           | 94        | U         | 94       | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| gamma-Chlordane               | 94        | U         | 94       | 30  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Heptachlor                    | 94        | U         | 94       | 15  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Heptachlor epoxide            | 94        | U         | 94       | 24  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Methoxychlor                  | 94        | U         | 94       | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| Toxaphene                     | 940       | U         | 940      | 540 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| <hr/>                         |           |           |          |     |       |   |                |                |         |
| Surrogate                     | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| <i>DCB Decachlorobiphenyl</i> | 0         | X         | 32 - 136 |     |       |   | 03/06/14 08:37 | 03/06/14 16:46 | 50      |
| <i>Tetrachloro-m-xylene</i>   | 0         | X         | 30 - 124 |     |       |   | 03/06/14 08:37 | 03/06/14 16:46 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-0-2**

Date Collected: 02/28/14 12:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-27**

Matrix: Solid

Percent Solids: 87.9

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 1290   |           | 60.0 | 5.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Antimony  | 17.6   | J         | 89.9 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Arsenic   | 44.1   |           | 12.0 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Barium    | 15.6   |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Beryllium | 0.11   | J         | 1.2  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Cadmium   | 1.8    |           | 1.2  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Calcium   | 903    |           | 300  | 4.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Chromium  | 5.8    |           | 3.0  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Cobalt    | 5.3    |           | 3.0  | 0.060 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Copper    | 18.9   |           | 6.0  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Iron      | 3330   | B         | 60.0 | 1.3   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Lead      | 26.0   |           | 6.0  | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Magnesium | 428    |           | 120  | 1.1   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Manganese | 23.8   |           | 1.2  | 0.038 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Nickel    | 8.5    | J         | 30.0 | 0.28  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Potassium | 254    |           | 180  | 24.0  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Selenium  | 4.0    | J         | 24.0 | 0.48  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Silver    | 1.8    | J         | 3.0  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Sodium    | 74.5   | J         | 839  | 15.6  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Thallium  | 36.0   | U         | 36.0 | 0.36  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Vanadium  | 4.6    |           | 3.0  | 0.13  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |
| Zinc      | 66.8   | B         | 12.0 | 0.18  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:18 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.093  |           | 0.023 | 0.0092 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:49 | 1       |

**Client Sample ID: LT-T-012-2-4**

Date Collected: 02/28/14 13:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-28**

Matrix: Solid

Percent Solids: 84.3

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200    | U         | 200 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| bis (2-chloroisopropyl) ether | 200    | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4,5-Trichlorophenol         | 200    | U         | 200 | 43  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4,6-Trichlorophenol         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4-Dichlorophenol            | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4-Dimethylphenol            | 200    | U         | 200 | 54  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4-Dinitrophenol             | 390    | U         | 390 | 69  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4-Dinitrotoluene            | 200    | U         | 200 | 31  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,6-Dinitrotoluene            | 200    | U         | 200 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Chloronaphthalene           | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Chlorophenol                | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Methylphenol                | 200    | U         | 200 | 6.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Methylnaphthalene           | 200    | U         | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Nitroaniline                | 390    | U         | 390 | 64  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Nitrophenol                 | 200    | U         | 200 | 9.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 3,3'-Dichlorobenzidine        | 200    | U         | 200 | 170 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 3-Nitroaniline                | 390    | U         | 390 | 46  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-2-4**

**Date Collected: 02/28/14 13:00**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-28**

**Matrix: Solid**

**Percent Solids: 84.3**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result       | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,6-Dinitro-2-methylphenol  | 390          | U         | 390 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Bromophenyl phenyl ether  | 200          | U         | 200 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Chloro-3-methylphenol     | 200          | U         | 200 | 8.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Chloroaniline             | 200          | U         | 200 | 58  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Chlorophenyl phenyl ether | 200          | U         | 200 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Methylphenol              | 390          | U         | 390 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Nitroaniline              | 390          | U         | 390 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 4-Nitrophenol               | 390          | U         | 390 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Acenaphthene                | 200          | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Acenaphthylene              | 200          | U         | 200 | 1.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Acetophenone                | 200          | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Anthracene</b>           | <b>23 J</b>  |           | 200 | 5.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Atrazine                    | 200          | U         | 200 | 8.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Benzaldehyde                | 200          | U         | 200 | 22  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Benzo[a]anthracene          | 200          | U         | 200 | 3.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Benzo[a]pyrene</b>       | <b>9.9 J</b> |           | 200 | 4.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Benzo[b]fluoranthene</b> | <b>13 J</b>  |           | 200 | 3.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Benzo[g,h,i]perylene        | 200          | U         | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Benzo[k]fluoranthene</b> | <b>11 J</b>  |           | 200 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Bis(2-chloroethoxy)methane  | 200          | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Bis(2-chloroethyl)ether     | 200          | U         | 200 | 17  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Bis(2-ethylhexyl) phthalate | 200          | U         | 200 | 64  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Butyl benzyl phthalate      | 200          | U         | 200 | 53  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Caprolactam                 | 200          | U         | 200 | 86  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Carbazole                   | 200          | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Chrysene</b>             | <b>12 J</b>  |           | 200 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Dibenz(a,h)anthracene       | 200          | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Di-n-butyl phthalate        | 200          | U         | 200 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Di-n-octyl phthalate        | 200          | U         | 200 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Dibenzofuran</b>         | <b>36 J</b>  |           | 200 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Diethyl phthalate           | 200          | U         | 200 | 6.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Dimethyl phthalate          | 200          | U         | 200 | 5.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Fluoranthene</b>         | <b>31 J</b>  |           | 200 | 2.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Fluorene                    | 200          | U         | 200 | 4.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Hexachlorobenzene           | 200          | U         | 200 | 9.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Hexachlorobutadiene         | 200          | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Hexachlorocyclopentadiene   | 200          | U         | 200 | 60  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Hexachloroethane            | 200          | U         | 200 | 15  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Indeno[1,2,3-cd]pyrene      | 200          | U         | 200 | 5.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Isophorone                  | 200          | U         | 200 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| N-Nitrosodi-n-propylamine   | 200          | U         | 200 | 16  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| N-Nitrosodiphenylamine      | 200          | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Naphthalene                 | 200          | U         | 200 | 3.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Nitrobenzene                | 200          | U         | 200 | 8.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Pentachlorophenol           | 390          | U         | 390 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Phenanthrene</b>         | <b>45 J</b>  |           | 200 | 4.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Phenol                      | 200          | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| <b>Pyrene</b>               | <b>32 J</b>  |           | 200 | 1.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:09 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-2-4**

**Date Collected: 02/28/14 13:00**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-28**

**Matrix: Solid**

**Percent Solids: 84.3**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Nitrobenzene-d5 (Surr)      | 88        |           | 34 - 132 | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| Phenol-d5 (Surr)            | 96        |           | 11 - 120 | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| p-Terphenyl-d14 (Surr)      | 91        |           | 65 - 153 | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2,4,6-Tribromophenol (Surr) | 107       |           | 39 - 146 | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Fluorobiphenyl            | 95        |           | 37 - 120 | 03/05/14 07:44 | 03/07/14 12:09 | 1       |
| 2-Fluorophenol (Surr)       | 93        |           | 18 - 120 | 03/05/14 07:44 | 03/07/14 12:09 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 0.68   | J         | 1.9 | 0.38 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| 4,4'-DDE            | 1.9    | U         | 1.9 | 0.29 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| 4,4'-DDT            | 0.82   | J         | 1.9 | 0.20 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Aldrin              | 1.9    | U         | 1.9 | 0.48 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| alpha-BHC           | 0.49   | J         | 1.9 | 0.35 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| alpha-Chlordane     | 1.9    | U         | 1.9 | 0.96 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| beta-BHC            | 1.9    | U         | 1.9 | 0.21 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| delta-BHC           | 0.50   | J         | 1.9 | 0.26 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Dieldrin            | 1.9    | U         | 1.9 | 0.46 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Endosulfan I        | 1.9    | U         | 1.9 | 0.24 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Endosulfan II       | 1.9    | U         | 1.9 | 0.35 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Endosulfan sulfate  | 1.9    | U         | 1.9 | 0.36 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Endrin              | 1.9    | U         | 1.9 | 0.27 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Endrin aldehyde     | 1.9    | U         | 1.9 | 0.50 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Endrin ketone       | 1.9    | U         | 1.9 | 0.48 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| gamma-BHC (Lindane) | 1.9    | U         | 1.9 | 0.24 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| gamma-Chlordane     | 1.9    | U         | 1.9 | 0.62 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Heptachlor          | 1.9    | U         | 1.9 | 0.30 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Heptachlor epoxide  | 1.9    | U         | 1.9 | 0.50 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Methoxychlor        | 1.3    | J         | 1.9 | 0.27 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Toxaphene           | 19     | U         | 19  | 11   | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:35 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 86        |           | 32 - 136 | 03/05/14 07:38 | 03/05/14 17:35 | 1       |
| Tetrachloro-m-xylene   | 64        |           | 30 - 124 | 03/05/14 07:38 | 03/05/14 17:35 | 1       |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 1090   |           | 55.8 | 4.9   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Antimony  | 17.1   | J         | 83.7 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Arsenic   | 55.4   |           | 11.2 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Barium    | 17.3   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Beryllium | 0.035  | J         | 1.1  | 0.031 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Cadmium   | 0.38   | J         | 1.1  | 0.033 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Calcium   | 863    |           | 279  | 3.7   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Chromium  | 7.2    |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Cobalt    | 8.3    |           | 2.8  | 0.056 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Copper    | 13.8   |           | 5.6  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Iron      | 3450   | B         | 55.8 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Lead      | 24.7   |           | 5.6  | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Magnesium | 156    |           | 112  | 1.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Manganese | 20.8   |           | 1.1  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-2-4**

Date Collected: 02/28/14 13:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-28**

Matrix: Solid

Percent Solids: 84.3

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Nickel    | 8.9    | J         | 27.9 | 0.26 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Potassium | 259    |           | 167  | 22.3 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Selenium  | 4.4    | J         | 22.3 | 0.45 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Silver    | 3.1    |           | 2.8  | 0.22 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Sodium    | 104    | J         | 781  | 14.5 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Thallium  | 33.5   | U         | 33.5 | 0.33 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Vanadium  | 4.8    |           | 2.8  | 0.12 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |
| Zinc      | 80.1   | B         | 11.2 | 0.17 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:20 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.31   |           | 0.023 | 0.0095 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:52 | 1       |

**Client Sample ID: LT-T-012-4-6**

Date Collected: 02/28/14 13:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-29**

Matrix: Solid

Percent Solids: 85.1

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result    | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 5.4       | U         | 5.4 | 0.39 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,1,2,2-Tetrachloroethane             | 5.4       | U         | 5.4 | 0.88 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.4       | U         | 5.4 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,1,2-Trichloroethane                 | 5.4       | U         | 5.4 | 0.71 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,1-Dichloroethane                    | 5.4       | U         | 5.4 | 0.66 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,1-Dichloroethene                    | 5.4       | U         | 5.4 | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2,4-Trichlorobenzene                | 5.4       | U         | 5.4 | 0.33 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2,4-Trimethylbenzene                | 5.4       | U         | 5.4 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 5.4       | U         | 5.4 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2-Dibromoethane                     | 5.4       | U         | 5.4 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2-Dichlorobenzene                   | 5.4       | U         | 5.4 | 0.43 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2-Dichloroethane                    | 5.4       | U         | 5.4 | 0.27 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,2-Dichloropropane                   | 5.4       | U         | 5.4 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,3,5-Trimethylbenzene                | 5.4       | U         | 5.4 | 0.35 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,3-Dichlorobenzene                   | 5.4       | U         | 5.4 | 0.28 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,4-Dichlorobenzene                   | 5.4       | U         | 5.4 | 0.76 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 1,4-Dioxane                           | 220       | U         | 220 | 26   | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| <b>2-Butanone (MEK)</b>               | <b>19</b> | <b>J</b>  | 27  | 2.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 2-Hexanone                            | 27        | U         | 27  | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 27        | U         | 27  | 1.8  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| <b>Acetone</b>                        | <b>82</b> |           | 27  | 4.6  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Benzene                               | 5.4       | U         | 5.4 | 0.27 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Bromodichloromethane                  | 5.4       | U         | 5.4 | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Bromoform                             | 5.4       | U         | 5.4 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Bromomethane                          | 5.4       | U         | 5.4 | 0.49 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| <b>Carbon disulfide</b>               | <b>42</b> |           | 5.4 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Carbon tetrachloride                  | 5.4       | U         | 5.4 | 0.53 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Chlorobenzene                         | 5.4       | U         | 5.4 | 0.72 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Chloroethane                          | 5.4       | U         | 5.4 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Chloroform                            | 5.4       | U         | 5.4 | 0.34 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Chloromethane                         | 5.4       | U         | 5.4 | 0.33 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-4-6**

Date Collected: 02/28/14 13:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-29**

Matrix: Solid

Percent Solids: 85.1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                   | Result      | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------|-------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| cis-1,2-Dichloroethene    | 5.4         | U         | 5.4 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| cis-1,3-Dichloropropene   | 5.4         | U *       | 5.4 | 0.78 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Cyclohexane               | 5.4         | U         | 5.4 | 0.76 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Dibromochloromethane      | 5.4         | U         | 5.4 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Dichlorodifluoromethane   | 5.4         | U         | 5.4 | 0.45 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| <b>Ethylbenzene</b>       | <b>0.39</b> | <b>J</b>  | 5.4 | 0.38 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Isopropylbenzene          | 5.4         | U         | 5.4 | 0.82 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Methyl acetate            | 5.4         | U         | 5.4 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Methyl tert-butyl ether   | 5.4         | U         | 5.4 | 0.53 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Methylcyclohexane         | 5.4         | U         | 5.4 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Methylene Chloride        | 5.4         | U         | 5.4 | 2.5  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| n-Butylbenzene            | 5.4         | U         | 5.4 | 0.47 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| N-Propylbenzene           | 5.4         | U         | 5.4 | 0.44 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| sec-Butylbenzene          | 5.4         | U         | 5.4 | 0.47 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Styrene                   | 5.4         | U         | 5.4 | 0.27 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| tert-Butylbenzene         | 5.4         | U         | 5.4 | 0.57 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Tetrachloroethene         | 5.4         | U         | 5.4 | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Toluene                   | 5.4         | U         | 5.4 | 0.41 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| trans-1,2-Dichloroethene  | 5.4         | U         | 5.4 | 0.56 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| trans-1,3-Dichloropropene | 5.4         | U         | 5.4 | 2.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Trichloroethene           | 5.4         | U         | 5.4 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Trichlorofluoromethane    | 5.4         | U         | 5.4 | 0.51 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Vinyl chloride            | 5.4         | U         | 5.4 | 0.66 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Xylenes, Total            | 11          | U         | 11  | 0.91 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:00 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 120       |           | 64 - 126 | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| 4-Bromofluorobenzene (Surr)  | 85        |           | 72 - 126 | 03/02/14 23:44 | 03/03/14 06:00 | 1       |
| Toluene-d8 (Surr)            | 90        |           | 71 - 125 | 03/02/14 23:44 | 03/03/14 06:00 | 1       |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200    | U         | 200 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| bis (2-chloroisopropyl) ether | 200    | U         | 200 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4,5-Trichlorophenol         | 200    | U         | 200 | 43  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4,6-Trichlorophenol         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4-Dichlorophenol            | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4-Dimethylphenol            | 200    | U         | 200 | 53  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4-Dinitrophenol             | 380    | U         | 380 | 69  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4-Dinitrotoluene            | 200    | U         | 200 | 30  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,6-Dinitrotoluene            | 200    | U         | 200 | 48  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Chloronaphthalene           | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Chlorophenol                | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Methylphenol                | 200    | U         | 200 | 6.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Methylnaphthalene           | 200    | U         | 200 | 2.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Nitroaniline                | 380    | U         | 380 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Nitrophenol                 | 200    | U         | 200 | 9.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 3,3'-Dichlorobenzidine        | 200    | U         | 200 | 170 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 3-Nitroaniline                | 380    | U         | 380 | 45  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4,6-Dinitro-2-methylphenol    | 380    | U         | 380 | 68  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 12:33 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-4-6**

**Date Collected: 02/28/14 13:05**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-29**

**Matrix: Solid**

**Percent Solids: 85.1**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result     | Qualifier | RL       | MDL | Unit  | D              | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|----------|-----|-------|----------------|----------------|----------------|---------|
| 4-Bromophenyl phenyl ether    | 200        | U         | 200      | 62  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4-Chloro-3-methylphenol       | 200        | U         | 200      | 8.1 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4-Chloroaniline               | 200        | U         | 200      | 58  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4-Chlorophenyl phenyl ether   | 200        | U         | 200      | 4.2 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4-Methylphenol                | 380        | U         | 380      | 11  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4-Nitroaniline                | 380        | U         | 380      | 22  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 4-Nitrophenol                 | 380        | U         | 380      | 48  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Acenaphthene                  | 200        | U         | 200      | 2.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Acenaphthylene                | 200        | U         | 200      | 1.6 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Acetophenone                  | 200        | U         | 200      | 10  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Anthracene                    | 200        | U         | 200      | 5.0 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Atrazine                      | 200        | U         | 200      | 8.7 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Benzaldehyde                  | 200        | U         | 200      | 22  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>64</b>  | <b>J</b>  | 200      | 3.4 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>50</b>  | <b>J</b>  | 200      | 4.7 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>77</b>  | <b>J</b>  | 200      | 3.8 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>20</b>  | <b>J</b>  | 200      | 2.4 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>29</b>  | <b>J</b>  | 200      | 2.2 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Bis(2-chloroethoxy)methane    | 200        | U         | 200      | 11  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Bis(2-chloroethyl)ether       | 200        | U         | 200      | 17  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Bis(2-ethylhexyl) phthalate   | 200        | U         | 200      | 63  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Butyl benzyl phthalate        | 200        | U         | 200      | 53  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Caprolactam                   | 200        | U         | 200      | 85  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Carbazole                     | 200        | U         | 200      | 2.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Chrysene</b>               | <b>71</b>  | <b>J</b>  | 200      | 2.0 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Dibenz(a,h)anthracene         | 200        | U         | 200      | 2.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Di-n-butyl phthalate          | 200        | U         | 200      | 68  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Di-n-octyl phthalate          | 200        | U         | 200      | 4.6 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Dibenzofuran                  | 200        | U         | 200      | 2.0 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Diethyl phthalate             | 200        | U         | 200      | 5.9 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Dimethyl phthalate            | 200        | U         | 200      | 5.1 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Fluoranthene</b>           | <b>190</b> | <b>J</b>  | 200      | 2.8 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Fluorene                      | 200        | U         | 200      | 4.5 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Hexachlorobenzene             | 200        | U         | 200      | 9.7 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Hexachlorobutadiene           | 200        | U         | 200      | 10  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Hexachlorocyclopentadiene     | 200        | U         | 200      | 59  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Hexachloroethane              | 200        | U         | 200      | 15  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>16</b>  | <b>J</b>  | 200      | 5.4 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Isophorone                    | 200        | U         | 200      | 9.8 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| N-Nitrosodi-n-propylamine     | 200        | U         | 200      | 16  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| N-Nitrosodiphenylamine        | 200        | U         | 200      | 11  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Naphthalene                   | 200        | U         | 200      | 3.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Nitrobenzene                  | 200        | U         | 200      | 8.7 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Pentachlorophenol             | 380        | U         | 380      | 67  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Phenanthrene                  | 200        | U         | 200      | 4.1 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Phenol                        | 200        | U         | 200      | 21  | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| <b>Pyrene</b>                 | <b>180</b> | <b>J</b>  | 200      | 1.3 | ug/Kg | ⊗              | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| Surrogate                     | %Recovery  | Qualifier | Limits   |     |       | Prepared       | Analyzed       | Dil Fac        |         |
| Nitrobenzene-d5 (Surr)        | 92         |           | 34 - 132 |     |       | 03/05/14 07:44 | 03/07/14 12:33 | 1              |         |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-4-6**

Date Collected: 02/28/14 13:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-29**

Matrix: Solid

Percent Solids: 85.1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Phenol-d5 (Surr)            | 93        |           | 11 - 120 | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| p-Terphenyl-d14 (Surr)      | 94        |           | 65 - 153 | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2,4,6-Tribromophenol (Surr) | 111       |           | 39 - 146 | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Fluorobiphenyl            | 98        |           | 37 - 120 | 03/05/14 07:44 | 03/07/14 12:33 | 1       |
| 2-Fluorophenol (Surr)       | 90        |           | 18 - 120 | 03/05/14 07:44 | 03/07/14 12:33 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 19        | U         | 19       | 3.8 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| 4,4'-DDE               | 19        | U         | 19       | 2.9 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| 4,4'-DDT               | 19        | U         | 19       | 2.0 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Aldrin                 | 19        | U         | 19       | 4.8 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| alpha-BHC              | 19        | U         | 19       | 3.5 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| alpha-Chlordane        | 19        | U         | 19       | 9.6 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| beta-BHC               | 19        | U         | 19       | 2.1 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| delta-BHC              | 19        | U         | 19       | 2.6 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Dieldrin               | 19        | U         | 19       | 4.6 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Endosulfan I           | 19        | U         | 19       | 2.4 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Endosulfan II          | 19        | U         | 19       | 3.5 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Endosulfan sulfate     | 19        | U         | 19       | 3.6 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Endrin                 | 19        | U         | 19       | 2.7 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Endrin aldehyde        | 19        | U         | 19       | 4.9 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Endrin ketone          | 19        | U         | 19       | 4.8 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| gamma-BHC (Lindane)    | 19        | U         | 19       | 2.4 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| gamma-Chlordane        | 19        | U         | 19       | 6.1 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Heptachlor             | 19        | U         | 19       | 3.0 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Heptachlor epoxide     | 19        | U         | 19       | 5.0 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Methoxychlor           | 19        | U         | 19       | 2.7 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Toxaphene              | 190       | U         | 190      | 110 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Surrogate              | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 |     |       |   | 03/06/14 08:37 | 03/06/14 17:04 | 10      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 |     |       |   | 03/06/14 08:37 | 03/06/14 17:04 | 10      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 2190   |           | 55.6 | 4.9   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Antimony  | 7.3    | J         | 83.4 | 0.44  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Arsenic   | 92.8   |           | 11.1 | 0.44  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Barium    | 20.5   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Beryllium | 0.10   | J         | 1.1  | 0.031 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Cadmium   | 9.3    |           | 1.1  | 0.033 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Calcium   | 888    |           | 278  | 3.7   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Chromium  | 13.5   |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Cobalt    | 31.1   |           | 2.8  | 0.056 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Copper    | 176    |           | 5.6  | 0.23  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Iron      | 6310   | B         | 55.6 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Lead      | 129    |           | 5.6  | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Magnesium | 469    |           | 111  | 1.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Manganese | 68.4   |           | 1.1  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-012-4-6**

Date Collected: 02/28/14 13:05

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-29**

Matrix: Solid

Percent Solids: 85.1

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Nickel    | 14.0   | J         | 27.8 | 0.26 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Potassium | 551    |           | 167  | 22.2 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Selenium  | 3.2    | J         | 22.2 | 0.44 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Silver    | 6.5    |           | 2.8  | 0.22 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Sodium    | 128    | J         | 779  | 14.5 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Thallium  | 33.4   | U         | 33.4 | 0.33 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Vanadium  | 6.4    |           | 2.8  | 0.12 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |
| Zinc      | 250    | B         | 11.1 | 0.17 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:23 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.083  |           | 0.024 | 0.0095 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:52 | 1       |

**Client Sample ID: FB033**

Date Collected: 02/28/14 08:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-30**

Matrix: Water

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result      | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | 1.0         | U         | 1.0 | 0.82 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,1,2,2-Tetrachloroethane             | 1.0         | U         | 1.0 | 0.21 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0         | U         | 1.0 | 0.31 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,1,2-Trichloroethane                 | 1.0         | U         | 1.0 | 0.23 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,1-Dichloroethane                    | 1.0         | U         | 1.0 | 0.38 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,1-Dichloroethene                    | 1.0         | U         | 1.0 | 0.29 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2,4-Trichlorobenzene                | 1.0         | U         | 1.0 | 0.41 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2,4-Trimethylbenzene                | 1.0         | U         | 1.0 | 0.75 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 1.0         | U         | 1.0 | 0.39 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2-Dibromoethane                     | 1.0         | U         | 1.0 | 0.73 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2-Dichlorobenzene                   | 1.0         | U         | 1.0 | 0.79 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2-Dichloroethane                    | 1.0         | U         | 1.0 | 0.21 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,2-Dichloropropane                   | 1.0         | U         | 1.0 | 0.72 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,3,5-Trimethylbenzene                | 1.0         | U         | 1.0 | 0.77 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,3-Dichlorobenzene                   | 1.0         | U         | 1.0 | 0.78 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,4-Dichlorobenzene                   | 1.0         | U         | 1.0 | 0.84 | ug/L |   |          | 03/03/14 00:52 | 1       |
| 1,4-Dioxane                           | 40          | U         | 40  | 9.3  | ug/L |   |          | 03/03/14 00:52 | 1       |
| 2-Butanone (MEK)                      | 10          | U         | 10  | 1.3  | ug/L |   |          | 03/03/14 00:52 | 1       |
| 2-Hexanone                            | 5.0         | U         | 5.0 | 1.2  | ug/L |   |          | 03/03/14 00:52 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 5.0         | U         | 5.0 | 2.1  | ug/L |   |          | 03/03/14 00:52 | 1       |
| <b>Acetone</b>                        | <b>6.5</b>  | <b>J</b>  | 10  | 3.0  | ug/L |   |          | 03/03/14 00:52 | 1       |
| Benzene                               | 1.0         | U         | 1.0 | 0.41 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Bromodichloromethane                  | 1.0         | U         | 1.0 | 0.39 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Bromoform                             | 1.0         | U         | 1.0 | 0.26 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Bromomethane                          | 1.0         | U         | 1.0 | 0.69 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Carbon disulfide                      | 1.0         | U         | 1.0 | 0.19 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Carbon tetrachloride                  | 1.0         | U         | 1.0 | 0.27 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Chlorobenzene                         | 1.0         | U         | 1.0 | 0.75 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Chloroethane                          | 1.0         | U         | 1.0 | 0.32 | ug/L |   |          | 03/03/14 00:52 | 1       |
| <b>Chloroform</b>                     | <b>0.97</b> | <b>J</b>  | 1.0 | 0.34 | ug/L |   |          | 03/03/14 00:52 | 1       |
| Chloromethane                         | 1.0         | U         | 1.0 | 0.35 | ug/L |   |          | 03/03/14 00:52 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: FB033**

**Date Collected: 02/28/14 08:00**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-30**

**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result           | Qualifier        | RL            | MDL  | Unit | D               | Prepared        | Analyzed       | Dil Fac |
|------------------------------|------------------|------------------|---------------|------|------|-----------------|-----------------|----------------|---------|
| cis-1,2-Dichloroethene       | 1.0              | U                | 1.0           | 0.81 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| cis-1,3-Dichloropropene      | 1.0              | U                | 1.0           | 0.36 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Cyclohexane                  | 1.0              | U                | 1.0           | 0.18 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Dibromochloromethane         | 1.0              | U                | 1.0           | 0.32 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Dichlorodifluoromethane      | 1.0              | U                | 1.0           | 0.68 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Ethylbenzene                 | 1.0              | U                | 1.0           | 0.74 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Isopropylbenzene             | 1.0              | U                | 1.0           | 0.79 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Methyl acetate               | 2.5              | U                | 2.5           | 0.50 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Methyl tert-butyl ether      | 1.0              | U                | 1.0           | 0.16 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Methylcyclohexane            | 1.0              | U                | 1.0           | 0.16 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| <b>Methylene Chloride</b>    | <b>0.48</b>      | <b>J</b>         | 1.0           | 0.44 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| n-Butylbenzene               | 1.0              | U                | 1.0           | 0.64 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| N-Propylbenzene              | 1.0              | U                | 1.0           | 0.69 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| sec-Butylbenzene             | 1.0              | U                | 1.0           | 0.75 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Styrene                      | 1.0              | U                | 1.0           | 0.73 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| tert-Butylbenzene            | 1.0              | U                | 1.0           | 0.81 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Tetrachloroethene            | 1.0              | U                | 1.0           | 0.36 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Toluene                      | 1.0              | U                | 1.0           | 0.51 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| trans-1,2-Dichloroethene     | 1.0              | U                | 1.0           | 0.90 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| trans-1,3-Dichloropropene    | 1.0              | U                | 1.0           | 0.37 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Trichloroethene              | 1.0              | U                | 1.0           | 0.46 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Trichlorofluoromethane       | 1.0              | U                | 1.0           | 0.88 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Vinyl chloride               | 1.0              | U                | 1.0           | 0.90 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| Xylenes, Total               | 2.0              | U                | 2.0           | 0.66 | ug/L |                 | 03/03/14 00:52  |                | 1       |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |      | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |         |
| 1,2-Dichloroethane-d4 (Surr) | 96               |                  | 66 - 137      |      |      |                 | 03/03/14 00:52  |                | 1       |
| 4-Bromofluorobenzene (Surr)  | 97               |                  | 73 - 120      |      |      |                 | 03/03/14 00:52  |                | 1       |
| Toluene-d8 (Surr)            | 96               |                  | 71 - 126      |      |      |                 | 03/03/14 00:52  |                | 1       |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                    | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 2,4,5-Trichlorophenol      | 5.1    | U         | 5.1 | 0.49 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2,4,6-Trichlorophenol      | 5.1    | U         | 5.1 | 0.62 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2,4-Dichlorophenol         | 5.1    | U         | 5.1 | 0.52 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2,4-Dimethylphenol         | 5.1    | U         | 5.1 | 0.51 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2,4-Dinitrophenol          | 10     | U         | 10  | 2.3  | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2,4-Dinitrotoluene         | 5.1    | U         | 5.1 | 0.46 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2,6-Dinitrotoluene         | 5.1    | U         | 5.1 | 0.41 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Chloronaphthalene        | 5.1    | U         | 5.1 | 0.47 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Chlorophenol             | 5.1    | U         | 5.1 | 0.54 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Methylnaphthalene        | 5.1    | U         | 5.1 | 0.61 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Methylphenol             | 5.1    | U         | 5.1 | 0.41 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Nitroaniline             | 10     | U         | 10  | 0.43 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Nitrophenol              | 5.1    | U         | 5.1 | 0.49 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 3,3'-Dichlorobenzidine     | 5.1    | U         | 5.1 | 0.41 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 3-Nitroaniline             | 10     | U         | 10  | 0.49 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 4,6-Dinitro-2-methylphenol | 10     | U         | 10  | 2.3  | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 4-Bromophenyl phenyl ether | 5.1    | U         | 5.1 | 0.46 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 4-Chloro-3-methylphenol    | 5.1    | U         | 5.1 | 0.46 | ug/L |   | 03/03/14 14:39 | 03/04/14 09:56 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: FB033**

Date Collected: 02/28/14 08:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-30**

Matrix: Water

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                       | Result           | Qualifier        | RL            | MDL  | Unit | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|---------------|------|------|---|-----------------|-----------------|----------------|
| 4-Chloroaniline               | 5.1              | U                | 5.1           | 0.60 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| 4-Chlorophenyl phenyl ether   | 5.1              | U                | 5.1           | 0.36 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| 4-Methylphenol                | 10               | U                | 10            | 0.37 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| 4-Nitroaniline                | 10               | U                | 10            | 0.26 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| 4-Nitrophenol                 | 10               | U                | 10            | 1.6  | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Acenaphthene                  | 5.1              | U                | 5.1           | 0.42 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Acenaphthylene                | 5.1              | U                | 5.1           | 0.39 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| <b>Acetophenone</b>           | <b>0.75</b>      | <b>J</b>         | 5.1           | 0.55 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Anthracene                    | 5.1              | U                | 5.1           | 0.29 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Atrazine                      | 5.1              | U                | 5.1           | 0.47 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| <b>Benzaldehyde</b>           | <b>0.35</b>      | <b>J B</b>       | 5.1           | 0.27 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Benzo[a]anthracene            | 5.1              | U                | 5.1           | 0.37 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Benzo[a]pyrene                | 5.1              | U                | 5.1           | 0.48 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Benzo[b]fluoranthene          | 5.1              | U                | 5.1           | 0.35 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Benzo[g,h,i]perylene          | 5.1              | U                | 5.1           | 0.36 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Benzo[k]fluoranthene          | 5.1              | U                | 5.1           | 0.75 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Biphenyl                      | 5.1              | U                | 5.1           | 0.67 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| bis (2-chloroisopropyl) ether | 5.1              | U                | 5.1           | 0.53 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Bis(2-chloroethoxy)methane    | 5.1              | U                | 5.1           | 0.36 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Bis(2-chloroethyl)ether       | 5.1              | U                | 5.1           | 0.41 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Bis(2-ethylhexyl) phthalate   | 5.1              | U                | 5.1           | 1.8  | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Butyl benzyl phthalate        | 5.1              | U                | 5.1           | 0.43 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Caprolactam                   | 5.1              | U                | 5.1           | 2.3  | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Carbazole                     | 5.1              | U                | 5.1           | 0.31 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Chrysene                      | 5.1              | U                | 5.1           | 0.34 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Dibenz(a,h)anthracene         | 5.1              | U                | 5.1           | 0.43 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Dibenzofuran                  | 10               | U                | 10            | 0.52 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Diethyl phthalate             | 5.1              | U                | 5.1           | 0.23 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Dimethyl phthalate            | 5.1              | U                | 5.1           | 0.37 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| <b>Di-n-butyl phthalate</b>   | <b>0.63</b>      | <b>J B</b>       | 5.1           | 0.32 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Di-n-octyl phthalate          | 5.1              | U                | 5.1           | 0.48 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Fluoranthene                  | 5.1              | U                | 5.1           | 0.41 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Fluorene                      | 5.1              | U                | 5.1           | 0.37 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Hexachlorobenzene             | 5.1              | U                | 5.1           | 0.52 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Hexachlorobutadiene           | 5.1              | U                | 5.1           | 0.70 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Hexachlorocyclopentadiene     | 5.1              | U                | 5.1           | 0.60 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Hexachloroethane              | 5.1              | U                | 5.1           | 0.60 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Indeno[1,2,3-cd]pyrene        | 5.1              | U                | 5.1           | 0.48 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Isophorone                    | 5.1              | U                | 5.1           | 0.44 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Naphthalene                   | 5.1              | U                | 5.1           | 0.78 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Nitrobenzene                  | 5.1              | U                | 5.1           | 0.30 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| N-Nitrosodi-n-propylamine     | 5.1              | U                | 5.1           | 0.55 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| N-Nitrosodiphenylamine        | 5.1              | U                | 5.1           | 0.52 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Pentachlorophenol             | 10               | U                | 10            | 2.3  | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Phenanthrene                  | 5.1              | U                | 5.1           | 0.45 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Phenol                        | 5.1              | U                | 5.1           | 0.40 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| Pyrene                        | 5.1              | U                | 5.1           | 0.35 | ug/L |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |      |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 2,4,6-Tribromophenol (Surr)   | 104              |                  | 52 - 132      |      |      |   | 03/03/14 14:39  | 03/04/14 09:56  | 1              |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: FB033**

Date Collected: 02/28/14 08:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-30**

Matrix: Water

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl       | 86        |           | 48 - 120 | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| 2-Fluorophenol (Surr)  | 56        |           | 20 - 120 | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| Nitrobenzene-d5 (Surr) | 83        |           | 46 - 120 | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| Phenol-d5 (Surr)       | 46        |           | 16 - 120 | 03/03/14 14:39 | 03/04/14 09:56 | 1       |
| p-Terphenyl-d14 (Surr) | 118       |           | 67 - 150 | 03/03/14 14:39 | 03/04/14 09:56 | 1       |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result    | Qualifier | RL       | MDL            | Unit           | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|----------------|----------------|---------|
| 4,4'-DDD               | 0.050     | U         | 0.050    | 0.0093         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| 4,4'-DDE               | 0.050     | U         | 0.050    | 0.012          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| 4,4'-DDT               | 0.050     | U         | 0.050    | 0.011          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Aldrin                 | 0.050     | U         | 0.050    | 0.0067         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| alpha-BHC              | 0.050     | U         | 0.050    | 0.0067         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| alpha-Chlordane        | 0.050     | U         | 0.050    | 0.015          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| beta-BHC               | 0.050     | U         | 0.050    | 0.025          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| delta-BHC              | 0.050     | U         | 0.050    | 0.010          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Dieldrin               | 0.050     | U         | 0.050    | 0.0099         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Endosulfan I           | 0.050     | U         | 0.050    | 0.011          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Endosulfan II          | 0.050     | U         | 0.050    | 0.012          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Endosulfan sulfate     | 0.050     | U         | 0.050    | 0.016          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Endrin                 | 0.050     | U         | 0.050    | 0.014          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Endrin aldehyde        | 0.050     | U         | 0.050    | 0.016          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Endrin ketone          | 0.050     | U         | 0.050    | 0.012          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| gamma-BHC (Lindane)    | 0.050     | U         | 0.050    | 0.0061         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| gamma-Chlordane        | 0.050     | U         | 0.050    | 0.011          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Heptachlor             | 0.050     | U         | 0.050    | 0.0086         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Heptachlor epoxide     | 0.050     | U         | 0.050    | 0.0053         | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Methoxychlor           | 0.050     | U         | 0.050    | 0.014          | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Toxaphene              | 0.50      | U         | 0.50     | 0.12           | ug/L           |         | 03/05/14 05:48 | 03/05/14 10:14 | 1       |
| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |                |                |         |
| DCB Decachlorobiphenyl | 96        |           | 20 - 120 | 03/05/14 05:48 | 03/05/14 10:14 | 1       |                |                |         |
| Tetrachloro-m-xylene   | 77        |           | 36 - 120 | 03/05/14 05:48 | 03/05/14 10:14 | 1       |                |                |         |

## Method: 6010C - Metals (ICP)

| Analyte          | Result           | Qualifier | RL     | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------|------------------|-----------|--------|---------|------|---|----------------|----------------|---------|
| Aluminum         | 0.20             | U         | 0.20   | 0.060   | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Antimony         | 0.020            | U         | 0.020  | 0.0068  | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Arsenic          | 0.015            | U         | 0.015  | 0.0056  | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Barium           | 0.0020           | U ^       | 0.0020 | 0.00070 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Beryllium        | 0.0020           | U         | 0.0020 | 0.00030 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Cadmium          | 0.0020           | U         | 0.0020 | 0.00050 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Calcium          | 0.50             | U         | 0.50   | 0.10    | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Chromium         | 0.0040           | U         | 0.0040 | 0.0010  | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Cobalt           | 0.0040           | U         | 0.0040 | 0.00063 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| <b>Copper</b>    | <b>0.0020 J</b>  |           | 0.010  | 0.0016  | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Iron             | 0.050            | U         | 0.050  | 0.019   | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Lead             | 0.010            | U         | 0.010  | 0.0030  | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Magnesium        | 0.20             | U         | 0.20   | 0.043   | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| <b>Manganese</b> | <b>0.00081 J</b> |           | 0.0030 | 0.00040 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: FB033**

Date Collected: 02/28/14 08:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-30**

Matrix: Water

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result        | Qualifier | RL     | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|---------------|-----------|--------|--------|------|---|----------------|----------------|---------|
| Nickel    | 0.010         | U         | 0.010  | 0.0013 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Potassium | 0.50          | U         | 0.50   | 0.10   | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Selenium  | 0.025         | U         | 0.025  | 0.0087 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Silver    | 0.0060        | U         | 0.0060 | 0.0017 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Sodium    | 1.0           | U         | 1.0    | 0.32   | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Thallium  | 0.020         | U         | 0.020  | 0.010  | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Vanadium  | 0.0050        | U         | 0.0050 | 0.0015 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |
| Zinc      | <b>0.0019</b> | <b>J</b>  | 0.010  | 0.0015 | mg/L |   | 03/03/14 09:30 | 03/04/14 16:37 | 1       |

**Method: 7470A - Mercury (CVAA)**

| Analyte | Result         | Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|----------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Mercury | <b>0.00069</b> |           | 0.00020 | 0.00012 | mg/L |   | 03/04/14 09:10 | 03/04/14 16:28 | 1       |

**Client Sample ID: LT-T-010-0-2**

Date Collected: 02/28/14 13:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-31**

Matrix: Solid

Percent Solids: 93.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result    | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 880       | U         | 880  | 55  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| bis (2-chloroisopropyl) ether | 880       | U         | 880  | 92  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,4,5-Trichlorophenol         | 880       | U         | 880  | 190 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,4,6-Trichlorophenol         | 880       | U         | 880  | 58  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,4-Dichlorophenol            | 880       | U         | 880  | 46  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,4-Dimethylphenol            | 880       | U         | 880  | 240 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,4-Dinitrophenol             | 1700      | U         | 1700 | 310 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,4-Dinitrotoluene            | 880       | U         | 880  | 140 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2,6-Dinitrotoluene            | 880       | U         | 880  | 210 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2-Chloronaphthalene           | 880       | U         | 880  | 59  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2-Chlorophenol                | 880       | U         | 880  | 45  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2-Methylphenol                | 880       | U         | 880  | 27  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2-Methylnaphthalene           | 880       | U         | 880  | 11  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2-Nitroaniline                | 1700      | U         | 1700 | 280 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 2-Nitrophenol                 | 880       | U         | 880  | 40  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 3,3'-Dichlorobenzidine        | 880       | U         | 880  | 770 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 3-Nitroaniline                | 1700      | U         | 1700 | 200 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4,6-Dinitro-2-methylphenol    | 1700      | U         | 1700 | 300 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Bromophenyl phenyl ether    | 880       | U         | 880  | 280 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Chloro-3-methylphenol       | 880       | U         | 880  | 36  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Chloroaniline               | 880       | U         | 880  | 260 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Chlorophenyl phenyl ether   | 880       | U         | 880  | 19  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Methylphenol                | 1700      | U         | 1700 | 49  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Nitroaniline                | 1700      | U         | 1700 | 98  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| 4-Nitrophenol                 | 1700      | U         | 1700 | 210 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| Acenaphthene                  | 880       | U         | 880  | 10  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| Acenaphthylene                | 880       | U         | 880  | 7.2 | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| Acetophenone                  | 880       | U         | 880  | 45  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| <b>Anthracene</b>             | <b>50</b> | <b>J</b>  | 880  | 22  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| Atrazine                      | 880       | U         | 880  | 39  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |
| Benzaldehyde                  | 880       | U         | 880  | 96  | ug/Kg | ☀ | 03/05/14 07:44 | 03/07/14 12:57 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-0-2**

**Lab Sample ID: 480-55387-31**

Date Collected: 02/28/14 13:35

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 93.6

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzo[a]anthracene          | 340              | J                | 880           | 15  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Benzo[a]pyrene              | 440              | J                | 880           | 21  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Benzo[b]fluoranthene        | 730              | J                | 880           | 17  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Benzo[g,h,i]perylene        | 160              | J                | 880           | 11  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Benzo[k]fluoranthene        | 300              | J                | 880           | 9.7 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Bis(2-chloroethoxy)methane  | 880              | U                | 880           | 48  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Bis(2-chloroethyl)ether     | 880              | U                | 880           | 76  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Bis(2-ethylhexyl) phthalate | 880              | U                | 880           | 280 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Butyl benzyl phthalate      | 880              | U                | 880           | 240 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Caprolactam                 | 880              | U                | 880           | 380 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Carbazole                   | 30               | J                | 880           | 10  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Chrysene                    | 370              | J                | 880           | 8.8 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Dibenz(a,h)anthracene       | 880              | U                | 880           | 10  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Di-n-butyl phthalate        | 880              | U                | 880           | 300 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Di-n-octyl phthalate        | 880              | U                | 880           | 21  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Dibenzofuran                | 880              | U                | 880           | 9.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Diethyl phthalate           | 880              | U                | 880           | 27  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Dimethyl phthalate          | 880              | U                | 880           | 23  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Fluoranthene                | 540              | J                | 880           | 13  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Fluorene                    | 880              | U                | 880           | 20  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Hexachlorobenzene           | 880              | U                | 880           | 44  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Hexachlorobutadiene         | 880              | U                | 880           | 45  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Hexachlorocyclopentadiene   | 880              | U                | 880           | 270 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Hexachloroethane            | 880              | U                | 880           | 68  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Indeno[1,2,3-cd]pyrene      | 170              | J                | 880           | 24  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Isophorone                  | 880              | U                | 880           | 44  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| N-Nitrosodi-n-propylamine   | 880              | U                | 880           | 69  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| N-Nitrosodiphenylamine      | 880              | U                | 880           | 48  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Naphthalene                 | 880              | U                | 880           | 15  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Nitrobenzene                | 880              | U                | 880           | 39  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Pentachlorophenol           | 1700             | U                | 1700          | 300 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Phenanthrene                | 170              | J                | 880           | 18  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Phenol                      | 880              | U                | 880           | 92  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Pyrene                      | 430              | J                | 880           | 5.7 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 84               |                  | 34 - 132      |     |       |   | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| Phenol-d5 (Surr)            | 85               |                  | 11 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| p-Terphenyl-d14 (Surr)      | 79               |                  | 65 - 153      |     |       |   | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| 2,4,6-Tribromophenol (Surr) | 72               |                  | 39 - 146      |     |       |   | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| 2-Fluorobiphenyl            | 86               |                  | 37 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 12:57  | 5              |
| 2-Fluorophenol (Surr)       | 87               |                  | 18 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 12:57  | 5              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte   | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD  | 87     | U         | 87 | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:21 | 50      |
| 4,4'-DDE  | 26     | J         | 87 | 13  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:21 | 50      |
| 4,4'-DDT  | 51     | J         | 87 | 8.8 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:21 | 50      |
| Aldrin    | 87     | U         | 87 | 21  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:21 | 50      |
| alpha-BHC | 87     | U         | 87 | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:21 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-0-2**

Date Collected: 02/28/14 13:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-31**

Matrix: Solid

Percent Solids: 93.6

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| alpha-Chlordane        | 280              |                  | 87  | 43            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| beta-BHC               | 87               | U                | 87  | 9.3           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| delta-BHC              | 87               | U                | 87  | 11            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| <b>Dieldrin</b>        | <b>23</b>        | <b>J</b>         | 87  | 21            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Endosulfan I           | 87               | U                | 87  | 11            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Endosulfan II          | 87               | U                | 87  | 16            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Endosulfan sulfate     | 87               | U                | 87  | 16            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| <b>Endrin</b>          | <b>22</b>        | <b>J</b>         | 87  | 12            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Endrin aldehyde        | 87               | U                | 87  | 22            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Endrin ketone          | 87               | U                | 87  | 21            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| gamma-BHC (Lindane)    | 87               | U                | 87  | 11            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| <b>gamma-Chlordane</b> | <b>350</b>       |                  | 87  | 28            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Heptachlor             | 87               | U                | 87  | 14            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Heptachlor epoxide     | 87               | U                | 87  | 22            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Methoxychlor           | 87               | U                | 87  | 12            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Toxaphene              | 870              | U                | 870 | 500           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:37  | 03/06/14 17:21  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:37  | 03/06/14 17:21  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte         | Result      | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum        | 5780        |           | 56.1 | 4.9   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Antimony        | 0.77        | J         | 84.2 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Arsenic         | 5.5         | J         | 11.2 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Barium          | 37.8        |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Beryllium       | 0.25        | J         | 1.1  | 0.031 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Cadmium         | 0.44        | J         | 1.1  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Calcium         | 29500       |           | 281  | 3.7   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Chromium        | 12.3        |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Cobalt          | 5.3         |           | 2.8  | 0.056 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Copper          | 27.3        |           | 5.6  | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Iron            | 10700       | B         | 56.1 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Lead            | 42.0        |           | 5.6  | 0.27  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Magnesium       | 12900       |           | 112  | 1.0   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Manganese       | 166         |           | 1.1  | 0.036 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Nickel          | 11.4        | J         | 28.1 | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Potassium       | 917         |           | 168  | 22.4  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Selenium        | 0.66        | J         | 22.4 | 0.45  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Silver          | 1.2         | J         | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Sodium          | 159         | J         | 786  | 14.6  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Thallium        | 33.7        | U         | 33.7 | 0.34  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| <b>Vanadium</b> | <b>18.6</b> |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |
| Zinc            | 51.5        | B         | 11.2 | 0.17  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:26 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.071  |           | 0.021 | 0.0084 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:53 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-2-4**

**Date Collected: 02/28/14 13:40**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-32**

**Matrix: Solid**

**Percent Solids: 90.8**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result       | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 920          | U         | 920  | 57  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| bis (2-chloroisopropyl) ether | 920          | U         | 920  | 95  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,4,5-Trichlorophenol         | 920          | U         | 920  | 200 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,4,6-Trichlorophenol         | 920          | U         | 920  | 60  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,4-Dichlorophenol            | 920          | U         | 920  | 48  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,4-Dimethylphenol            | 920          | U         | 920  | 250 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,4-Dinitrophenol             | 1800         | U         | 1800 | 320 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,4-Dinitrotoluene            | 920          | U         | 920  | 140 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2,6-Dinitrotoluene            | 920          | U         | 920  | 220 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2-Chloronaphthalene           | 920          | U         | 920  | 61  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2-Chlorophenol                | 920          | U         | 920  | 46  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2-Methylphenol                | 920          | U         | 920  | 28  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2-Methylnaphthalene           | 920          | U         | 920  | 11  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2-Nitroaniline                | 1800         | U         | 1800 | 290 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 2-Nitrophenol                 | 920          | U         | 920  | 42  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 3,3'-Dichlorobenzidine        | 920          | U         | 920  | 800 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 3-Nitroaniline                | 1800         | U         | 1800 | 210 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4,6-Dinitro-2-methylphenol    | 1800         | U         | 1800 | 310 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Bromophenyl phenyl ether    | 920          | U         | 920  | 290 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Chloro-3-methylphenol       | 920          | U         | 920  | 38  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Chloroaniline               | 920          | U         | 920  | 270 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Chlorophenyl phenyl ether   | 920          | U         | 920  | 19  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Methylphenol                | 1800         | U         | 1800 | 51  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Nitroaniline                | 1800         | U         | 1800 | 100 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| 4-Nitrophenol                 | 1800         | U         | 1800 | 220 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Acenaphthene</b>           | <b>31 J</b>  |           | 920  | 11  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Acenaphthylene                | 920          | U         | 920  | 7.5 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Acetophenone                  | 920          | U         | 920  | 47  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Anthracene</b>             | <b>82 J</b>  |           | 920  | 23  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Atrazine                      | 920          | U         | 920  | 41  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Benzaldehyde                  | 920          | U         | 920  | 100 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Benzo[a]anthracene</b>     | <b>340 J</b> |           | 920  | 16  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Benzo[a]pyrene</b>         | <b>350 J</b> |           | 920  | 22  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Benzo[b]fluoranthene</b>   | <b>540 J</b> |           | 920  | 18  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Benzo[g,h,i]perylene</b>   | <b>110 J</b> |           | 920  | 11  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Benzo[k]fluoranthene</b>   | <b>170 J</b> |           | 920  | 10  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Bis(2-chloroethoxy)methane    | 920          | U         | 920  | 50  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Bis(2-chloroethyl)ether       | 920          | U         | 920  | 79  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Bis(2-ethylhexyl) phthalate   | 920          | U         | 920  | 290 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Butyl benzyl phthalate        | 920          | U         | 920  | 240 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Caprolactam                   | 920          | U         | 920  | 390 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Carbazole                     | 920          | U         | 920  | 11  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| <b>Chrysene</b>               | <b>340 J</b> |           | 920  | 9.1 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Dibenz(a,h)anthracene         | 920          | U         | 920  | 11  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Di-n-butyl phthalate          | 920          | U         | 920  | 320 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Di-n-octyl phthalate          | 920          | U         | 920  | 21  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Dibenzofuran                  | 920          | U         | 920  | 9.5 | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Diethyl phthalate             | 920          | U         | 920  | 28  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |
| Dimethyl phthalate            | 920          | U         | 920  | 24  | ug/Kg | ✉ | 03/05/14 07:44 | 03/07/14 13:21 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-2-4**

**Lab Sample ID: 480-55387-32**

Date Collected: 02/28/14 13:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 90.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL   | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|------|---------------|-------|---|-----------------|-----------------|----------------|
| Fluoranthene                | 650 J            |                  | 920  | 13            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Fluorene                    | 920 U            |                  | 920  | 21            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Hexachlorobenzene           | 920 U            |                  | 920  | 45            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Hexachlorobutadiene         | 920 U            |                  | 920  | 47            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Hexachlorocyclopentadiene   | 920 U            |                  | 920  | 280           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Hexachloroethane            | 920 U            |                  | 920  | 71            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Indeno[1,2,3-cd]pyrene      | 110 J            |                  | 920  | 25            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Isophorone                  | 920 U            |                  | 920  | 46            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| N-Nitrosodi-n-propylamine   | 920 U            |                  | 920  | 72            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| N-Nitrosodiphenylamine      | 920 U            |                  | 920  | 50            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Naphthalene                 | 920 U            |                  | 920  | 15            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Nitrobenzene                | 920 U            |                  | 920  | 40            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Pentachlorophenol           | 1800 U           |                  | 1800 | 310           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Phenanthrene                | 390 J            |                  | 920  | 19            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Phenol                      | 920 U            |                  | 920  | 96            | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Pyrene                      | 590 J            |                  | 920  | 5.9           | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> |      | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 83               |                  |      | 34 - 132      |       |   | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| Phenol-d5 (Surr)            | 91               |                  |      | 11 - 120      |       |   | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| p-Terphenyl-d14 (Surr)      | 87               |                  |      | 65 - 153      |       |   | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| 2,4,6-Tribromophenol (Surr) | 41               |                  |      | 39 - 146      |       |   | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| 2-Fluorobiphenyl            | 92               |                  |      | 37 - 120      |       |   | 03/05/14 07:44  | 03/07/14 13:21  | 5              |
| 2-Fluorophenol (Surr)       | 88               |                  |      | 18 - 120      |       |   | 03/05/14 07:44  | 03/07/14 13:21  | 5              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 91     | U         | 91  | 18  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| 4,4'-DDE            | 23 J   |           | 91  | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| 4,4'-DDT            | 91     | U         | 91  | 9.2 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Aldrin              | 91     | U         | 91  | 22  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| alpha-BHC           | 91     | U         | 91  | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| alpha-Chlordane     | 91     | U         | 91  | 45  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| beta-BHC            | 91     | U         | 91  | 9.8 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| delta-BHC           | 91     | U         | 91  | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Dieldrin            | 91     | U         | 91  | 22  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Endosulfan I        | 91     | U         | 91  | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Endosulfan II       | 91     | U         | 91  | 16  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Endosulfan sulfate  | 91     | U         | 91  | 17  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Endrin              | 91     | U         | 91  | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Endrin aldehyde     | 91     | U         | 91  | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Endrin ketone       | 91     | U         | 91  | 22  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| gamma-BHC (Lindane) | 91     | U         | 91  | 11  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| gamma-Chlordane     | 91     | U         | 91  | 29  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Heptachlor          | 91     | U         | 91  | 14  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Heptachlor epoxide  | 91     | U         | 91  | 23  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Methoxychlor        | 91     | U         | 91  | 12  | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Toxaphene           | 910    | U         | 910 | 530 | ug/Kg | ⊗ | 03/06/14 08:37 | 03/06/14 17:39 | 50      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-2-4**

Date Collected: 02/28/14 13:40

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-32**

Matrix: Solid

Percent Solids: 90.8

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 | 03/06/14 08:37 | 03/06/14 17:39 | 50      |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 | 03/06/14 08:37 | 03/06/14 17:39 | 50      |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 6770   |           | 52.8 | 4.6   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Antimony  | 79.2   | U         | 79.2 | 0.42  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Arsenic   | 4.4    | J         | 10.6 | 0.42  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Barium    | 78.6   |           | 2.6  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Beryllium | 0.22   | J         | 1.1  | 0.030 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Cadmium   | 0.17   | J         | 1.1  | 0.032 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Calcium   | 53900  |           | 264  | 3.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Chromium  | 17.8   |           | 2.6  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Cobalt    | 6.3    |           | 2.6  | 0.053 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Copper    | 26.5   |           | 5.3  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Iron      | 11800  | B         | 52.8 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Lead      | 20.3   |           | 5.3  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Magnesium | 11900  |           | 106  | 0.98  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Manganese | 166    |           | 1.1  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Nickel    | 16.2   | J         | 26.4 | 0.24  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Potassium | 800    |           | 158  | 21.1  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Selenium  | 1.3    | J         | 21.1 | 0.42  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Silver    | 2.6    | U         | 2.6  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Sodium    | 208    | J         | 739  | 13.7  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Thallium  | 31.7   | U         | 31.7 | 0.32  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Vanadium  | 15.8   |           | 2.6  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |
| Zinc      | 26.5   | B         | 10.6 | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:28 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.037  |           | 0.022 | 0.0091 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 11:04 | 1       |

**Client Sample ID: LT-T-010-7-8.5**

Date Collected: 02/28/14 13:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-33**

Matrix: Solid

Percent Solids: 91.4

## Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 4.7    | U         | 4.7 | 0.34 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,1,2,2-Tetrachloroethane             | 4.7    | U         | 4.7 | 0.75 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 4.7    | U         | 4.7 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,1,2-Trichloroethane                 | 4.7    | U         | 4.7 | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,1-Dichloroethane                    | 4.7    | U         | 4.7 | 0.57 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,1-Dichloroethene                    | 4.7    | U         | 4.7 | 0.57 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2,4-Trichlorobenzene                | 4.7    | U         | 4.7 | 0.28 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2,4-Trimethylbenzene                | 4.7    | U         | 4.7 | 0.89 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 4.7    | U         | 4.7 | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2-Dibromoethane                     | 4.7    | U         | 4.7 | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2-Dichlorobenzene                   | 4.7    | U         | 4.7 | 0.36 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2-Dichloroethane                    | 4.7    | U         | 4.7 | 0.23 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |
| 1,2-Dichloropropene                   | 4.7    | U         | 4.7 | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:26 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-7-8.5**

**Date Collected: 02/28/14 13:45**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-33**

**Matrix: Solid**

**Percent Solids: 91.4**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte                      | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| 1,3,5-Trimethylbenzene       | 4.7              | U                | 4.7           | 0.30 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 1,3-Dichlorobenzene          | 4.7              | U                | 4.7           | 0.24 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 1,4-Dichlorobenzene          | 4.7              | U                | 4.7           | 0.65 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 1,4-Dioxane                  | 190              | U                | 190           | 22   | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 2-Butanone (MEK)             | 23               | U                | 23            | 1.7  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 2-Hexanone                   | 23               | U                | 23            | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 4-Methyl-2-pentanone (MIBK)  | 23               | U                | 23            | 1.5  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| <b>Acetone</b>               | <b>37</b>        |                  | 23            | 3.9  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Benzene                      | 4.7              | U                | 4.7           | 0.23 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Bromodichloromethane         | 4.7              | U                | 4.7           | 0.62 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Bromoform                    | 4.7              | U                | 4.7           | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Bromomethane                 | 4.7              | U                | 4.7           | 0.42 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| <b>Carbon disulfide</b>      | <b>25</b>        |                  | 4.7           | 2.3  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Carbon tetrachloride         | 4.7              | U                | 4.7           | 0.45 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Chlorobenzene                | 4.7              | U                | 4.7           | 0.61 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Chloroethane                 | 4.7              | U                | 4.7           | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Chloroform                   | 4.7              | U                | 4.7           | 0.29 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Chloromethane                | 4.7              | U                | 4.7           | 0.28 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| cis-1,2-Dichloroethene       | 4.7              | U                | 4.7           | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| cis-1,3-Dichloropropene      | 4.7              | U *              | 4.7           | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Cyclohexane                  | 4.7              | U                | 4.7           | 0.65 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Dibromochloromethane         | 4.7              | U                | 4.7           | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Dichlorodifluoromethane      | 4.7              | U                | 4.7           | 0.38 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Ethylbenzene                 | 4.7              | U                | 4.7           | 0.32 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Isopropylbenzene             | 4.7              | U                | 4.7           | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Methyl acetate               | 4.7              | U                | 4.7           | 0.87 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Methyl tert-butyl ether      | 4.7              | U                | 4.7           | 0.46 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Methylcyclohexane            | 4.7              | U                | 4.7           | 0.71 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Methylene Chloride           | 4.7              | U                | 4.7           | 2.1  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| n-Butylbenzene               | 4.7              | U                | 4.7           | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| N-Propylbenzene              | 4.7              | U                | 4.7           | 0.37 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| sec-Butylbenzene             | 4.7              | U                | 4.7           | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Styrene                      | 4.7              | U                | 4.7           | 0.23 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| tert-Butylbenzene            | 4.7              | U                | 4.7           | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Tetrachloroethene            | 4.7              | U                | 4.7           | 0.62 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Toluene                      | 4.7              | U                | 4.7           | 0.35 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| trans-1,2-Dichloroethene     | 4.7              | U                | 4.7           | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| trans-1,3-Dichloropropene    | 4.7              | U                | 4.7           | 2.0  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Trichloroethene              | 4.7              | U                | 4.7           | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Trichlorofluoromethane       | 4.7              | U                | 4.7           | 0.44 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Vinyl chloride               | 4.7              | U                | 4.7           | 0.57 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Xylenes, Total               | 9.3              | U                | 9.3           | 0.78 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 120              |                  | 64 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| 4-Bromofluorobenzene (Surr)  | 95               |                  | 72 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 06:26  | 1              |
| Toluene-d8 (Surr)            | 103              |                  | 71 - 125      |      |       |   | 03/02/14 23:44  | 03/03/14 06:26  | 1              |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-7-8.5**

**Date Collected: 02/28/14 13:45**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-33**

**Matrix: Solid**

**Percent Solids: 91.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 180        | U         | 180 | 11  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| bis (2-chloroisopropyl) ether | 180        | U         | 180 | 19  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,4,5-Trichlorophenol         | 180        | U         | 180 | 40  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,4,6-Trichlorophenol         | 180        | U         | 180 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,4-Dichlorophenol            | 180        | U         | 180 | 9.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,4-Dimethylphenol            | 180        | U         | 180 | 49  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,4-Dinitrophenol             | 360        | U         | 360 | 64  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,4-Dinitrotoluene            | 180        | U         | 180 | 28  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2,6-Dinitrotoluene            | 180        | U         | 180 | 45  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2-Chloronaphthalene           | 180        | U         | 180 | 12  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2-Chlorophenol                | 180        | U         | 180 | 9.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2-Methylphenol                | 180        | U         | 180 | 5.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2-Methylnaphthalene           | 180        | U         | 180 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2-Nitroaniline                | 360        | U         | 360 | 59  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 2-Nitrophenol                 | 180        | U         | 180 | 8.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 3,3'-Dichlorobenzidine        | 180        | U         | 180 | 160 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 3-Nitroaniline                | 360        | U         | 360 | 42  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4,6-Dinitro-2-methylphenol    | 360        | U         | 360 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Bromophenyl phenyl ether    | 180        | U         | 180 | 58  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Chloro-3-methylphenol       | 180        | U         | 180 | 7.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Chloroaniline               | 180        | U         | 180 | 54  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Chlorophenyl phenyl ether   | 180        | U         | 180 | 3.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Methylphenol                | 360        | U         | 360 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Nitroaniline                | 360        | U         | 360 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| 4-Nitrophenol                 | 360        | U         | 360 | 44  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Acenaphthene                  | 180        | U         | 180 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Acenaphthylene                | 180        | U         | 180 | 1.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Acetophenone                  | 180        | U         | 180 | 9.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Anthracene                    | 180        | U         | 180 | 4.7 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Atrazine                      | 180        | U         | 180 | 8.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Benzaldehyde                  | 180        | U         | 180 | 20  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Benzo[a]anthracene            | 180        | U         | 180 | 3.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>10</b>  | <b>J</b>  | 180 | 4.4 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>12</b>  | <b>J</b>  | 180 | 3.6 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Benzo[g,h,i]perylene          | 180        | U         | 180 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>11</b>  | <b>J</b>  | 180 | 2.0 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Bis(2-chloroethoxy)methane    | 180        | U         | 180 | 10  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Bis(2-chloroethyl)ether       | 180        | U         | 180 | 16  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Bis(2-ethylhexyl) phthalate   | 180        | U         | 180 | 59  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Butyl benzyl phthalate        | 180        | U         | 180 | 49  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Caprolactam                   | 180        | U         | 180 | 79  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Carbazole                     | 180        | U         | 180 | 2.1 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| <b>Chrysene</b>               | <b>9.3</b> | <b>J</b>  | 180 | 1.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Dibenz(a,h)anthracene         | 180        | U         | 180 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Di-n-butyl phthalate          | 180        | U         | 180 | 63  | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Di-n-octyl phthalate          | 180        | U         | 180 | 4.3 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Dibenzofuran                  | 180        | U         | 180 | 1.9 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Diethyl phthalate             | 180        | U         | 180 | 5.5 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |
| Dimethyl phthalate            | 180        | U         | 180 | 4.8 | ug/Kg | ⊗ | 03/05/14 07:44 | 03/07/14 13:46 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-7-8.5**

**Date Collected: 02/28/14 13:45**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-33**

**Matrix: Solid**

**Percent Solids: 91.4**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Fluoranthene</b>         | <b>11 J</b>      |                  | 180           | 2.7 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Fluorene                    | 180              | U                | 180           | 4.2 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Hexachlorobenzene           | 180              | U                | 180           | 9.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Hexachlorobutadiene         | 180              | U                | 180           | 9.4 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Hexachlorocyclopentadiene   | 180              | U                | 180           | 55  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Hexachloroethane            | 180              | U                | 180           | 14  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Indeno[1,2,3-cd]pyrene      | 180              | U                | 180           | 5.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Isophorone                  | 180              | U                | 180           | 9.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| N-Nitrosodi-n-propylamine   | 180              | U                | 180           | 14  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| N-Nitrosodiphenylamine      | 180              | U                | 180           | 10  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Naphthalene                 | 180              | U                | 180           | 3.0 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Nitrobenzene                | 180              | U                | 180           | 8.1 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Pentachlorophenol           | 360              | U                | 360           | 63  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| <b>Phenanthrene</b>         | <b>8.7 J</b>     |                  | 180           | 3.8 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Phenol                      | 180              | U                | 180           | 19  | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| <b>Pyrene</b>               | <b>9.0 J</b>     |                  | 180           | 1.2 | ug/Kg | ⊗ | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 93               |                  | 34 - 132      |     |       |   | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| Phenol-d5 (Surr)            | 98               |                  | 11 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| p-Terphenyl-d14 (Surr)      | 95               |                  | 65 - 153      |     |       |   | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| 2,4,6-Tribromophenol (Surr) | 107              |                  | 39 - 146      |     |       |   | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| 2-Fluorobiphenyl            | 100              |                  | 37 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 13:46  | 1              |
| 2-Fluorophenol (Surr)       | 97               |                  | 18 - 120      |     |       |   | 03/05/14 07:44  | 03/07/14 13:46  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result        | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|---------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | 1.8           | U         | 1.8 | 0.35 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| <b>4,4'-DDE</b>     | <b>0.50 J</b> |           | 1.8 | 0.27 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| <b>4,4'-DDT</b>     | <b>0.72 J</b> |           | 1.8 | 0.19 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Aldrin              | 1.8           | U         | 1.8 | 0.45 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| alpha-BHC           | 1.8           | U         | 1.8 | 0.33 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| alpha-Chlordane     | 1.8           | U         | 1.8 | 0.90 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| beta-BHC            | 1.8           | U         | 1.8 | 0.20 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| delta-BHC           | 1.8           | U         | 1.8 | 0.24 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Dieldrin            | 1.8           | U         | 1.8 | 0.44 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Endosulfan I        | 1.8           | U         | 1.8 | 0.23 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Endosulfan II       | 1.8           | U         | 1.8 | 0.33 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Endosulfan sulfate  | 1.8           | U         | 1.8 | 0.34 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Endrin              | 1.8           | U         | 1.8 | 0.25 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Endrin aldehyde     | 1.8           | U         | 1.8 | 0.46 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Endrin ketone       | 1.8           | U         | 1.8 | 0.45 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| gamma-BHC (Lindane) | 1.8           | U         | 1.8 | 0.22 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| gamma-Chlordane     | 1.8           | U         | 1.8 | 0.58 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Heptachlor          | 1.8           | U         | 1.8 | 0.28 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Heptachlor epoxide  | 1.8           | U         | 1.8 | 0.47 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Methoxychlor        | 1.8           | U         | 1.8 | 0.25 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Toxaphene           | 18            | U         | 18  | 11   | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 17:53 | 1       |

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-010-7-8.5**

Date Collected: 02/28/14 13:45

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-33**

Matrix: Solid

Percent Solids: 91.4

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 91        |           | 32 - 136 | 03/05/14 07:38 | 03/05/14 17:53 | 1       |
| Tetrachloro-m-xylene   | 78        |           | 30 - 124 | 03/05/14 07:38 | 03/05/14 17:53 | 1       |

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 4130   |           | 53.4 | 4.7   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Antimony  | 0.70   | J         | 80.2 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Arsenic   | 3.3    | J         | 10.7 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Barium    | 15.8   |           | 2.7  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Beryllium | 0.15   | J         | 1.1  | 0.030 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Cadmium   | 0.29   | J         | 1.1  | 0.032 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Calcium   | 738    |           | 267  | 3.5   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Chromium  | 8.8    |           | 2.7  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Cobalt    | 27.8   |           | 2.7  | 0.053 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Copper    | 12.8   |           | 5.3  | 0.22  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Iron      | 6720   | B         | 53.4 | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Lead      | 12.7   |           | 5.3  | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Magnesium | 924    |           | 107  | 0.99  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Manganese | 57.3   |           | 1.1  | 0.034 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Nickel    | 417    |           | 26.7 | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Potassium | 535    |           | 160  | 21.4  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Selenium  | 2.1    | J         | 21.4 | 0.43  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Silver    | 2.7    | U         | 2.7  | 0.21  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Sodium    | 72.3   | J         | 748  | 13.9  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Thallium  | 32.1   | U         | 32.1 | 0.32  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Vanadium  | 10.2   |           | 2.7  | 0.12  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |
| Zinc      | 20.6   | B         | 10.7 | 0.16  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:31 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.015  | J         | 0.020 | 0.0082 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:54 | 1       |

**Client Sample ID: LT-T-011-0-2**

Date Collected: 02/28/14 13:50

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-34**

Matrix: Solid

Percent Solids: 86.8

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 1900   | U         | 1900 | 120 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| bis (2-chloroisopropyl) ether | 1900   | U         | 1900 | 200 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,4,5-Trichlorophenol         | 1900   | U         | 1900 | 420 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,4,6-Trichlorophenol         | 1900   | U         | 1900 | 130 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,4-Dichlorophenol            | 1900   | U         | 1900 | 100 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,4-Dimethylphenol            | 1900   | U         | 1900 | 520 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,4-Dinitrophenol             | 3700   | U         | 3700 | 670 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,4-Dinitrotoluene            | 1900   | U         | 1900 | 300 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2,6-Dinitrotoluene            | 1900   | U         | 1900 | 470 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2-Chloronaphthalene           | 1900   | U         | 1900 | 130 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2-Chlorophenol                | 1900   | U         | 1900 | 97  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2-Methylphenol                | 1900   | U         | 1900 | 59  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2-Methylnaphthalene           | 1900   | U         | 1900 | 23  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-0-2**

**Date Collected: 02/28/14 13:50**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-34**

**Matrix: Solid**

**Percent Solids: 86.8**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result       | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|-----------|------|------|-------|---|----------------|----------------|---------|
| 2-Nitroaniline                | 3700         | U         | 3700 | 610  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 2-Nitrophenol                 | 1900         | U         | 1900 | 87   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 3,3'-Dichlorobenzidine        | 1900         | U         | 1900 | 1700 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 3-Nitroaniline                | 3700         | U         | 3700 | 440  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4,6-Dinitro-2-methylphenol    | 3700         | U         | 3700 | 660  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Bromophenyl phenyl ether    | 1900         | U         | 1900 | 610  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Chloro-3-methylphenol       | 1900         | U         | 1900 | 78   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Chloroaniline               | 1900         | U         | 1900 | 560  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Chlorophenyl phenyl ether   | 1900         | U         | 1900 | 41   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Methylphenol                | 3700         | U         | 3700 | 110  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Nitroaniline                | 3700         | U         | 3700 | 210  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| 4-Nitrophenol                 | 3700         | U         | 3700 | 460  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Acenaphthene                  | 1900         | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Acenaphthylene                | 1900         | U         | 1900 | 16   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Acetophenone                  | 1900         | U         | 1900 | 98   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Anthracene</b>             | <b>52 J</b>  |           | 1900 | 49   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Atrazine                      | 1900         | U         | 1900 | 85   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Benzaldehyde                  | 1900         | U         | 1900 | 210  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Benzo[a]anthracene</b>     | <b>370 J</b> |           | 1900 | 33   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Benzo[a]pyrene</b>         | <b>440 J</b> |           | 1900 | 46   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Benzo[b]fluoranthene</b>   | <b>630 J</b> |           | 1900 | 37   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Benzo[g,h,i]perylene</b>   | <b>230 J</b> |           | 1900 | 23   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Benzo[k]fluoranthene</b>   | <b>370 J</b> |           | 1900 | 21   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Bis(2-chloroethoxy)methane    | 1900         | U         | 1900 | 100  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Bis(2-chloroethyl)ether       | 1900         | U         | 1900 | 160  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Bis(2-ethylhexyl) phthalate   | 1900         | U         | 1900 | 610  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Butyl benzyl phthalate        | 1900         | U         | 1900 | 510  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Caprolactam                   | 1900         | U         | 1900 | 830  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Carbazole                     | 1900         | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Chrysene</b>               | <b>500 J</b> |           | 1900 | 19   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Dibenz(a,h)anthracene         | 1900         | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Di-n-butyl phthalate          | 1900         | U         | 1900 | 660  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Di-n-octyl phthalate          | 1900         | U         | 1900 | 45   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Dibenzofuran                  | 1900         | U         | 1900 | 20   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Diethyl phthalate             | 1900         | U         | 1900 | 58   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Dimethyl phthalate            | 1900         | U         | 1900 | 50   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Fluoranthene</b>           | <b>690 J</b> |           | 1900 | 28   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Fluorene                      | 1900         | U         | 1900 | 44   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Hexachlorobenzene             | 1900         | U         | 1900 | 95   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Hexachlorobutadiene           | 1900         | U         | 1900 | 98   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Hexachlorocyclopentadiene     | 1900         | U         | 1900 | 580  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Hexachloroethane              | 1900         | U         | 1900 | 150  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>180 J</b> |           | 1900 | 53   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Isophorone                    | 1900         | U         | 1900 | 95   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| N-Nitrosodi-n-propylamine     | 1900         | U         | 1900 | 150  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| N-Nitrosodiphenylamine        | 1900         | U         | 1900 | 100  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Naphthalene                   | 1900         | U         | 1900 | 32   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Nitrobenzene                  | 1900         | U         | 1900 | 85   | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |
| Pentachlorophenol             | 3700         | U         | 3700 | 650  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:10 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-0-2**

Date Collected: 02/28/14 13:50

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-34**

Matrix: Solid

Percent Solids: 86.8

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| <b>Phenanthrene</b>         | <b>310</b>       | <b>J</b>         | 1900          | 40  | ug/Kg | ☀ | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| Phenol                      | 1900             | U                | 1900          | 200 | ug/Kg | ☀ | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| <b>Pyrene</b>               | <b>540</b>       | <b>J</b>         | 1900          | 12  | ug/Kg | ☀ | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 69               |                  | 34 - 132      |     |       |   | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| Phenol-d5 (Surr)            | 74               |                  | 11 - 120      |     |       |   | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| p-Terphenyl-d14 (Surr)      | 67               |                  | 65 - 153      |     |       |   | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| 2,4,6-Tribromophenol (Surr) | 43               |                  | 39 - 146      |     |       |   | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| 2-Fluorobiphenyl            | 78               |                  | 37 - 120      |     |       |   | 03/05/14 07:47  | 03/07/14 14:10  | 10             |
| 2-Fluorophenol (Surr)       | 74               |                  | 18 - 120      |     |       |   | 03/05/14 07:47  | 03/07/14 14:10  | 10             |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| 4,4'-DDD               | 95               | U                | 95            | 18  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| <b>4,4'-DDE</b>        | <b>25</b>        | <b>J</b>         | 95            | 14  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| <b>4,4'-DDT</b>        | <b>39</b>        | <b>J</b>         | 95            | 9.7 | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Aldrin                 | 95               | U                | 95            | 23  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| alpha-BHC              | 95               | U                | 95            | 17  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| alpha-Chlordane        | 95               | U                | 95            | 47  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| beta-BHC               | 95               | U                | 95            | 10  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| delta-BHC              | 95               | U                | 95            | 12  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Dieldrin               | 95               | U                | 95            | 23  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Endosulfan I           | 95               | U                | 95            | 12  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Endosulfan II          | 95               | U                | 95            | 17  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Endosulfan sulfate     | 95               | U                | 95            | 18  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Endrin                 | 95               | U                | 95            | 13  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Endrin aldehyde        | 95               | U                | 95            | 24  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Endrin ketone          | 95               | U                | 95            | 23  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| gamma-BHC (Lindane)    | 95               | U                | 95            | 12  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| gamma-Chlordane        | 95               | U                | 95            | 30  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Heptachlor             | 95               | U                | 95            | 15  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Heptachlor epoxide     | 95               | U                | 95            | 24  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Methoxychlor           | 95               | U                | 95            | 13  | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Toxaphene              | 950              | U                | 950           | 550 | ug/Kg | ☀ | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                | 32 - 136      |     |       |   | 03/06/14 08:37  | 03/06/14 17:57  | 50             |
| Tetrachloro-m-xylene   | 0                | X                | 30 - 124      |     |       |   | 03/06/14 08:37  | 03/06/14 17:57  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte          | Result       | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>5220</b>  |           | 62.1 | 5.5   | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Antimony</b>  | <b>6.3</b>   | <b>J</b>  | 93.2 | 0.50  | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Arsenic</b>   | <b>6.4</b>   | <b>J</b>  | 12.4 | 0.50  | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Barium</b>    | <b>42.4</b>  |           | 3.1  | 0.14  | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Beryllium</b> | <b>0.23</b>  | <b>J</b>  | 1.2  | 0.035 | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Cadmium</b>   | <b>0.51</b>  | <b>J</b>  | 1.2  | 0.037 | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Calcium</b>   | <b>68900</b> |           | 311  | 4.1   | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| <b>Chromium</b>  | <b>13.4</b>  |           | 3.1  | 0.25  | mg/Kg | ☀ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-0-2**

Date Collected: 02/28/14 13:50

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-34**

Matrix: Solid

Percent Solids: 86.8

**Method: 6010C - Metals (ICP) (Continued)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cobalt    | 7.1    |           | 3.1  | 0.062 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Copper    | 40.2   |           | 6.2  | 0.26  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Iron      | 9380   | B         | 62.1 | 1.4   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Lead      | 76.4   |           | 6.2  | 0.30  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Magnesium | 30300  |           | 124  | 1.2   | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Manganese | 189    |           | 1.2  | 0.040 | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Nickel    | 19.2   | J         | 31.1 | 0.29  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Potassium | 733    |           | 186  | 24.8  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Selenium  | 1.5    | J         | 24.8 | 0.50  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Silver    | 3.1    | U         | 3.1  | 0.25  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Sodium    | 217    | J         | 870  | 16.1  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Thallium  | 37.3   | U         | 37.3 | 0.37  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Vanadium  | 21.8   |           | 3.1  | 0.14  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |
| Zinc      | 57.7   | B         | 12.4 | 0.19  | mg/Kg | ⊗ | 03/04/14 14:40 | 03/10/14 13:34 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.26   |           | 0.022 | 0.0089 | mg/Kg | ⊗ | 03/05/14 08:05 | 03/05/14 11:27 | 1       |

**Client Sample ID: LT-T-011-2-4**

Date Collected: 02/28/14 13:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-35**

Matrix: Solid

Percent Solids: 91.6

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result     | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 920        | U         | 920  | 57  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| bis (2-chloroisopropyl) ether | 920        | U         | 920  | 96  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,4,5-Trichlorophenol         | 920        | U         | 920  | 200 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,4,6-Trichlorophenol         | 920        | U         | 920  | 60  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,4-Dichlorophenol            | 920        | U         | 920  | 48  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,4-Dimethylphenol            | 920        | U         | 920  | 250 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,4-Dinitrophenol             | 1800       | U         | 1800 | 320 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,4-Dinitrotoluene            | 920        | U         | 920  | 140 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2,6-Dinitrotoluene            | 920        | U         | 920  | 220 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2-Chloronaphthalene           | 920        | U         | 920  | 61  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2-Chlorophenol                | 920        | U         | 920  | 47  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2-Methylphenol                | 920        | U         | 920  | 28  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| <b>2-Methylnaphthalene</b>    | <b>120</b> | <b>J</b>  | 920  | 11  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2-Nitroaniline                | 1800       | U         | 1800 | 290 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 2-Nitrophenol                 | 920        | U         | 920  | 42  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 3,3'-Dichlorobenzidine        | 920        | U         | 920  | 800 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 3-Nitroaniline                | 1800       | U         | 1800 | 210 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4,6-Dinitro-2-methylphenol    | 1800       | U         | 1800 | 320 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Bromophenyl phenyl ether    | 920        | U         | 920  | 290 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Chloro-3-methylphenol       | 920        | U         | 920  | 38  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Chloroaniline               | 920        | U         | 920  | 270 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Chlorophenyl phenyl ether   | 920        | U         | 920  | 20  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Methylphenol                | 1800       | U         | 1800 | 51  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Nitroaniline                | 1800       | U         | 1800 | 100 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |
| 4-Nitrophenol                 | 1800       | U         | 1800 | 220 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 15:23 | 5       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-2-4**

**Date Collected: 02/28/14 13:55**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-35**

**Matrix: Solid**

**Percent Solids: 91.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                       | Result           | Qualifier        | RL   | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|------|---------------|-------|---|-----------------|-----------------|----------------|
| <b>Acenaphthene</b>           | <b>720</b>       | <b>J</b>         | 920  | 11            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Acenaphthylene                | 920              | U                | 920  | 7.5           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Acetophenone                  | 920              | U                | 920  | 47            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Anthracene</b>             | <b>1300</b>      |                  | 920  | 23            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Atrazine                      | 920              | U                | 920  | 41            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Benzaldehyde                  | 920              | U                | 920  | 100           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Benzo[a]anthracene</b>     | <b>4100</b>      |                  | 920  | 16            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Benzo[a]pyrene</b>         | <b>3900</b>      | *                | 920  | 22            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Benzo[b]fluoranthene</b>   | <b>7300</b>      | *                | 920  | 18            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Benzo[g,h,i]perylene</b>   | <b>1400</b>      | *                | 920  | 11            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Benzo[k]fluoranthene</b>   | <b>3100</b>      | *                | 920  | 10            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Bis(2-chloroethoxy)methane    | 920              | U                | 920  | 50            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Bis(2-chloroethyl)ether       | 920              | U                | 920  | 79            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Bis(2-ethylhexyl) phthalate   | 920              | U                | 920  | 300           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Butyl benzyl phthalate        | 920              | U                | 920  | 250           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Caprolactam                   | 920              | U                | 920  | 400           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Carbazole</b>              | <b>940</b>       |                  | 920  | 11            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Chrysene</b>               | <b>4400</b>      |                  | 920  | 9.2           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Dibenz(a,h)anthracene         | 920              | U *              | 920  | 11            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Di-n-butyl phthalate          | 920              | U                | 920  | 320           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Di-n-octyl phthalate          | 920              | U                | 920  | 21            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Dibenzofuran</b>           | <b>430</b>       | <b>J</b>         | 920  | 9.5           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Diethyl phthalate             | 920              | U                | 920  | 28            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Dimethyl phthalate            | 920              | U                | 920  | 24            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Fluoranthene</b>           | <b>10000</b>     |                  | 920  | 13            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Fluorene</b>               | <b>640</b>       | <b>J</b>         | 920  | 21            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Hexachlorobenzene             | 920              | U                | 920  | 46            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Hexachlorobutadiene           | 920              | U                | 920  | 47            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Hexachlorocyclopentadiene     | 920              | U                | 920  | 280           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Hexachloroethane              | 920              | U                | 920  | 71            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>1200</b>      | *                | 920  | 25            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Isophorone                    | 920              | U                | 920  | 46            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| N-Nitrosodi-n-propylamine     | 920              | U                | 920  | 73            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| N-Nitrosodiphenylamine        | 920              | U                | 920  | 50            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Naphthalene</b>            | <b>350</b>       | <b>J</b>         | 920  | 15            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Nitrobenzene                  | 920              | U                | 920  | 41            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Pentachlorophenol             | 1800             | U                | 1800 | 310           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Phenanthrene</b>           | <b>6800</b>      |                  | 920  | 19            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Phenol                        | 920              | U                | 920  | 96            | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Pyrene</b>                 | <b>7200</b>      |                  | 920  | 5.9           | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> |      | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)        | 82               |                  |      | 34 - 132      |       |   | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| Phenol-d5 (Surr)              | 89               |                  |      | 11 - 120      |       |   | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| p-Terphenyl-d14 (Surr)        | 95               |                  |      | 65 - 153      |       |   | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| 2,4,6-Tribromophenol (Surr)   | 78               |                  |      | 39 - 146      |       |   | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| 2-Fluorobiphenyl              | 94               |                  |      | 37 - 120      |       |   | 03/05/14 07:47  | 03/07/14 15:23  | 5              |
| 2-Fluorophenol (Surr)         | 90               |                  |      | 18 - 120      |       |   | 03/05/14 07:47  | 03/07/14 15:23  | 5              |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-2-4**

Date Collected: 02/28/14 13:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-35**

Matrix: Solid

Percent Solids: 91.6

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                   | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|---------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| 4,4'-DDD                  | 27               | J                | 91  | 18            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| 4,4'-DDE                  | 35               | J                | 91  | 14            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| 4,4'-DDT                  | 62               | J                | 91  | 9.2           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Aldrin                    | 91               | U                | 91  | 22            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| alpha-BHC                 | 91               | U                | 91  | 16            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| alpha-Chlordane           | 91               | U                | 91  | 45            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| beta-BHC                  | 91               | U                | 91  | 9.8           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| delta-BHC                 | 91               | U                | 91  | 12            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Dieldrin                  | 91               | U                | 91  | 22            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Endosulfan I              | 91               | U                | 91  | 11            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Endosulfan II             | 91               | U                | 91  | 16            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| <b>Endosulfan sulfate</b> | <b>20</b>        | <b>J</b>         | 91  | 17            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Endrin                    | 91               | U                | 91  | 12            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Endrin aldehyde           | 91               | U                | 91  | 23            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Endrin ketone             | 91               | U                | 91  | 22            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| gamma-BHC (Lindane)       | 91               | U                | 91  | 11            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| <b>gamma-Chlordane</b>    | <b>29</b>        | <b>J</b>         | 91  | 29            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Heptachlor                | 91               | U                | 91  | 14            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Heptachlor epoxide        | 91               | U                | 91  | 23            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Methoxychlor              | 91               | U                | 91  | 12            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Toxaphene                 | 910              | U                | 910 | 530           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| <b>Surrogate</b>          | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl    | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:37  | 03/06/14 18:14  | 50             |
| Tetrachloro-m-xylene      | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:37  | 03/06/14 18:14  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 4800   |           | 55.3 | 4.9   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Antimony  | 49.2   | J         | 82.9 | 0.44  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Arsenic   | 86.3   |           | 11.1 | 0.44  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Barium    | 77.1   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Beryllium | 0.21   | J         | 1.1  | 0.031 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Cadmium   | 1.5    |           | 1.1  | 0.033 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Calcium   | 16600  |           | 276  | 3.6   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Chromium  | 20.4   |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Cobalt    | 16.9   |           | 2.8  | 0.055 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Copper    | 102    |           | 5.5  | 0.23  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Iron      | 17800  | B         | 55.3 | 1.2   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Lead      | 252    |           | 5.5  | 0.27  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Magnesium | 3560   |           | 111  | 1.0   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Manganese | 255    |           | 1.1  | 0.035 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Nickel    | 40.6   |           | 27.6 | 0.25  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Potassium | 577    |           | 166  | 22.1  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Selenium  | 17.9   | J         | 22.1 | 0.44  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Silver    | 3.1    |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Sodium    | 141    | J         | 774  | 14.4  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Thallium  | 33.2   | U         | 33.2 | 0.33  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Vanadium  | 18.8   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |
| Zinc      | 172    | B         | 11.1 | 0.17  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:35 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-2-4**

Date Collected: 02/28/14 13:55

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-35**

Matrix: Solid

Percent Solids: 91.6

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.58   |           | 0.022 | 0.0088 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 11:09 | 1       |

**Client Sample ID: LT-T-011-6.5-8**

Date Collected: 02/28/14 14:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-36**

Matrix: Solid

Percent Solids: 86.7

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 5.5    | U         | 5.5 | 0.40 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,1,2,2-Tetrachloroethane             | 5.5    | U         | 5.5 | 0.89 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.5    | U         | 5.5 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,1,2-Trichloroethane                 | 5.5    | U         | 5.5 | 0.71 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,1-Dichloroethane                    | 5.5    | U         | 5.5 | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,1-Dichloroethene                    | 5.5    | U         | 5.5 | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2,4-Trichlorobenzene                | 5.5    | U         | 5.5 | 0.33 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2,4-Trimethylbenzene                | 5.5    | U         | 5.5 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 5.5    | U         | 5.5 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2-Dibromoethane                     | 5.5    | U         | 5.5 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2-Dichlorobenzene                   | 5.5    | U         | 5.5 | 0.43 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2-Dichloroethane                    | 5.5    | U         | 5.5 | 0.27 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,2-Dichloropropane                   | 5.5    | U         | 5.5 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,3,5-Trimethylbenzene                | 5.5    | U         | 5.5 | 0.35 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,3-Dichlorobenzene                   | 5.5    | U         | 5.5 | 0.28 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,4-Dichlorobenzene                   | 5.5    | U         | 5.5 | 0.76 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 1,4-Dioxane                           | 220    | U         | 220 | 26   | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 2-Butanone (MEK)                      | 27     | U         | 27  | 2.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 2-Hexanone                            | 27     | U         | 27  | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 27     | U         | 27  | 1.8  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Acetone                               | 27     | U         | 27  | 4.6  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Benzene                               | 5.5    | U         | 5.5 | 0.27 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Bromodichloromethane                  | 5.5    | U         | 5.5 | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Bromoform                             | 5.5    | U         | 5.5 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Bromomethane                          | 5.5    | U         | 5.5 | 0.49 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Carbon disulfide                      | 5.5    | U         | 5.5 | 2.7  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Carbon tetrachloride                  | 5.5    | U         | 5.5 | 0.53 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Chlorobenzene                         | 5.5    | U         | 5.5 | 0.72 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Chloroethane                          | 5.5    | U         | 5.5 | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Chloroform                            | 5.5    | U         | 5.5 | 0.34 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Chloromethane                         | 5.5    | U         | 5.5 | 0.33 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| cis-1,2-Dichloroethene                | 5.5    | U         | 5.5 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| cis-1,3-Dichloropropene               | 5.5    | U *       | 5.5 | 0.79 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Cyclohexane                           | 5.5    | U         | 5.5 | 0.76 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Dibromochloromethane                  | 5.5    | U         | 5.5 | 0.70 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Dichlorodifluoromethane               | 5.5    | U         | 5.5 | 0.45 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Ethylbenzene                          | 5.5    | U         | 5.5 | 0.38 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Isopropylbenzene                      | 5.5    | U         | 5.5 | 0.82 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Methyl acetate                        | 5.5    | U         | 5.5 | 1.0  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Methyl tert-butyl ether               | 5.5    | U         | 5.5 | 0.54 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Methylcyclohexane                     | 5.5    | U         | 5.5 | 0.83 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |
| Methylene Chloride                    | 5.5    | U         | 5.5 | 2.5  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 06:52 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-6.5-8**

Date Collected: 02/28/14 14:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-36**

Matrix: Solid

Percent Solids: 86.7

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                      | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| n-Butylbenzene               | 5.5              | U                | 5.5           | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| N-Propylbenzene              | 5.5              | U                | 5.5           | 0.44 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| sec-Butylbenzene             | 5.5              | U                | 5.5           | 0.48 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Styrene                      | 5.5              | U                | 5.5           | 0.27 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| tert-Butylbenzene            | 5.5              | U                | 5.5           | 0.57 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Tetrachloroethene            | 5.5              | U                | 5.5           | 0.73 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Toluene                      | 5.5              | U                | 5.5           | 0.41 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| trans-1,2-Dichloroethene     | 5.5              | U                | 5.5           | 0.56 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| trans-1,3-Dichloropropene    | 5.5              | U                | 5.5           | 2.4  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Trichloroethylene            | 5.5              | U                | 5.5           | 1.2  | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Trichlorofluoromethane       | 5.5              | U                | 5.5           | 0.52 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Vinyl chloride               | 5.5              | U                | 5.5           | 0.67 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Xylenes, Total               | 11               | U                | 11            | 0.92 | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 117              |                  | 64 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| 4-Bromofluorobenzene (Surr)  | 96               |                  | 72 - 126      |      |       |   | 03/02/14 23:44  | 03/03/14 06:52  | 1              |
| Toluene-d8 (Surr)            | 103              |                  | 71 - 125      |      |       |   | 03/02/14 23:44  | 03/03/14 06:52  | 1              |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result    | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 190       | U         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| bis (2-chloroisopropyl) ether | 190       | U         | 190 | 20  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,4,5-Trichlorophenol         | 190       | U         | 190 | 41  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,4,6-Trichlorophenol         | 190       | U         | 190 | 12  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,4-Dichlorophenol            | 190       | U         | 190 | 9.9 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,4-Dimethylphenol            | 190       | U         | 190 | 51  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,4-Dinitrophenol             | 370       | U         | 370 | 66  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,4-Dinitrotoluene            | 190       | U         | 190 | 29  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2,6-Dinitrotoluene            | 190       | U         | 190 | 46  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2-Chloronaphthalene           | 190       | U         | 190 | 13  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2-Chlorophenol                | 190       | U         | 190 | 9.6 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2-Methylphenol                | 190       | U         | 190 | 5.8 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2-Methylnaphthalene           | 190       | U         | 190 | 2.3 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2-Nitroaniline                | 370       | U         | 370 | 61  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 2-Nitrophenol                 | 190       | U         | 190 | 8.7 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 3,3'-Dichlorobenzidine        | 190       | U         | 190 | 170 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 3-Nitroaniline                | 370       | U         | 370 | 44  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4,6-Dinitro-2-methylphenol    | 370       | U         | 370 | 65  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Bromophenyl phenyl ether    | 190       | U         | 190 | 60  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Chloro-3-methylphenol       | 190       | U         | 190 | 7.8 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Chloroaniline               | 190       | U         | 190 | 56  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Chlorophenyl phenyl ether   | 190       | U         | 190 | 4.0 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Methylphenol                | 370       | U         | 370 | 11  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Nitroaniline                | 370       | U         | 370 | 21  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| 4-Nitrophenol                 | 370       | U         | 370 | 46  | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| <b>Acenaphthene</b>           | <b>11</b> | <b>J</b>  | 190 | 2.2 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| Acenaphthylene                | 190       | U         | 190 | 1.5 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| Acetophenone                  | 190       | U         | 190 | 9.7 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |
| <b>Anthracene</b>             | <b>25</b> | <b>J</b>  | 190 | 4.9 | ug/Kg | ⊗ | 03/05/14 07:47 | 03/07/14 14:59 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-6.5-8**

Date Collected: 02/28/14 14:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-36**

Matrix: Solid

Percent Solids: 86.7

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                            | Result           | Qualifier        | RL            | MDL | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Atrazine                           | 190              | U                | 190           | 8.4 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Benzaldehyde                       | 190              | U                | 190           | 21  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Benzo[a]anthracene</b>          | <b>87</b>        | <b>J</b>         | 190           | 3.3 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Benzo[a]pyrene</b>              | <b>75</b>        | <b>J *</b>       | 190           | 4.6 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Benzo[b]fluoranthene</b>        | <b>120</b>       | <b>J *</b>       | 190           | 3.7 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Benzo[g,h,i]perylene</b>        | <b>37</b>        | <b>J *</b>       | 190           | 2.3 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Benzo[k]fluoranthene</b>        | <b>55</b>        | <b>J *</b>       | 190           | 2.1 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Bis(2-chloroethoxy)methane         | 190              | U                | 190           | 10  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Bis(2-chloroethyl)ether            | 190              | U                | 190           | 16  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Bis(2-ethylhexyl) phthalate        | 190              | U                | 190           | 61  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Butyl benzyl phthalate             | 190              | U                | 190           | 51  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Caprolactam                        | 190              | U                | 190           | 82  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Carbazole</b>                   | <b>9.7</b>       | <b>J</b>         | 190           | 2.2 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Chrysene</b>                    | <b>82</b>        | <b>J</b>         | 190           | 1.9 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Dibenz(a,h)anthracene              | 190              | U *              | 190           | 2.2 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Di-n-butyl phthalate               | 190              | U                | 190           | 65  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Di-n-octyl phthalate               | 190              | U                | 190           | 4.4 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Dibenzofuran                       | 190              | U                | 190           | 2.0 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Diethyl phthalate                  | 190              | U                | 190           | 5.7 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Dimethyl phthalate                 | 190              | U                | 190           | 4.9 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Fluoranthene</b>                | <b>160</b>       | <b>J</b>         | 190           | 2.7 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Fluorene</b>                    | <b>9.6</b>       | <b>J</b>         | 190           | 4.4 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Hexachlorobenzene                  | 190              | U                | 190           | 9.4 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Hexachlorobutadiene                | 190              | U                | 190           | 9.7 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Hexachlorocyclopentadiene          | 190              | U                | 190           | 57  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Hexachloroethane                   | 190              | U                | 190           | 15  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Indeno[1,2,3-cd]pyrene</b>      | <b>28</b>        | <b>J *</b>       | 190           | 5.2 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Isophorone                         | 190              | U                | 190           | 9.5 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| N-Nitrosodi-n-propylamine          | 190              | U                | 190           | 15  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| N-Nitrosodiphenylamine             | 190              | U                | 190           | 10  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Naphthalene                        | 190              | U                | 190           | 3.2 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Nitrobenzene                       | 190              | U                | 190           | 8.4 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Pentachlorophenol                  | 370              | U                | 370           | 65  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Phenanthrene</b>                | <b>120</b>       | <b>J</b>         | 190           | 4.0 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| Phenol                             | 190              | U                | 190           | 20  | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Pyrene</b>                      | <b>140</b>       | <b>J</b>         | 190           | 1.2 | ug/Kg | ⊗ | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <b>Surrogate</b>                   | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| <i>Nitrobenzene-d5 (Surr)</i>      | 95               |                  | 34 - 132      |     |       |   | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <i>Phenol-d5 (Surr)</i>            | 102              |                  | 11 - 120      |     |       |   | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <i>p-Terphenyl-d14 (Surr)</i>      | 103              |                  | 65 - 153      |     |       |   | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| <i>2,4,6-Tribromophenol (Surr)</i> | 116              |                  | 39 - 146      |     |       |   | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| 2-Fluorobiphenyl                   | 104              |                  | 37 - 120      |     |       |   | 03/05/14 07:47  | 03/07/14 14:59  | 1              |
| 2-Fluorophenol (Surr)              | 99               |                  | 18 - 120      |     |       |   | 03/05/14 07:47  | 03/07/14 14:59  | 1              |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte         | Result      | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|-------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 4,4'-DDD        | 1.9         | U         | 1.9 | 0.37 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 18:10 | 1       |
| <b>4,4'-DDE</b> | <b>1.1</b>  | <b>J</b>  | 1.9 | 0.29 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 18:10 | 1       |
| <b>4,4'-DDT</b> | <b>0.77</b> | <b>J</b>  | 1.9 | 0.19 | ug/Kg | ⊗ | 03/05/14 07:38 | 03/05/14 18:10 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-6.5-8**

Date Collected: 02/28/14 14:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-36**

Matrix: Solid

Percent Solids: 86.7

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| Aldrin                 | 1.9              | U                | 1.9           | 0.47 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| alpha-BHC              | 1.9              | U                | 1.9           | 0.34 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| alpha-Chlordane        | 1.9              | U                | 1.9           | 0.95 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| beta-BHC               | 1.9              | U                | 1.9           | 0.21 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| <b>delta-BHC</b>       | <b>0.55</b>      | <b>J</b>         | 1.9           | 0.25 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Dieldrin               | 1.9              | U                | 1.9           | 0.46 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Endosulfan I           | 1.9              | U                | 1.9           | 0.24 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Endosulfan II          | 1.9              | U                | 1.9           | 0.34 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Endosulfan sulfate     | 1.9              | U                | 1.9           | 0.36 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| <b>Endrin</b>          | <b>0.52</b>      | <b>J</b>         | 1.9           | 0.26 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Endrin aldehyde        | 1.9              | U                | 1.9           | 0.49 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Endrin ketone          | 1.9              | U                | 1.9           | 0.47 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| gamma-BHC (Lindane)    | 1.9              | U                | 1.9           | 0.24 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| gamma-Chlordane        | 1.9              | U                | 1.9           | 0.61 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Heptachlor             | 1.9              | U                | 1.9           | 0.30 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Heptachlor epoxide     | 1.9              | U                | 1.9           | 0.49 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| <b>Methoxychlor</b>    | <b>0.47</b>      | <b>J</b>         | 1.9           | 0.26 | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Toxaphene              | 19               | U                | 19            | 11   | ug/Kg | ⊗ | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 98               |                  | 32 - 136      |      |       |   | 03/05/14 07:38  | 03/05/14 18:10  | 1              |
| Tetrachloro-m-xylene   | 79               |                  | 30 - 124      |      |       |   | 03/05/14 07:38  | 03/05/14 18:10  | 1              |

## Method: 6010C - Metals (ICP)

| Analyte          | Result      | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>5860</b> |           | 61.7 | 5.4   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Antimony</b>  | <b>0.56</b> | <b>J</b>  | 92.5 | 0.49  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Arsenic</b>   | <b>2.5</b>  | <b>J</b>  | 12.3 | 0.49  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Barium</b>    | <b>29.2</b> |           | 3.1  | 0.14  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Beryllium</b> | <b>0.40</b> | <b>J</b>  | 1.2  | 0.035 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Cadmium</b>   | <b>0.68</b> | <b>J</b>  | 1.2  | 0.037 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Calcium</b>   | <b>842</b>  |           | 308  | 4.1   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Chromium</b>  | <b>7.9</b>  |           | 3.1  | 0.25  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Cobalt</b>    | <b>27.2</b> |           | 3.1  | 0.062 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Copper</b>    | <b>35.0</b> |           | 6.2  | 0.26  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Iron</b>      | <b>6430</b> | <b>B</b>  | 61.7 | 1.4   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Lead</b>      | <b>21.9</b> |           | 6.2  | 0.30  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Magnesium</b> | <b>999</b>  |           | 123  | 1.1   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Manganese</b> | <b>75.0</b> |           | 1.2  | 0.039 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Nickel</b>    | <b>175</b>  |           | 30.8 | 0.28  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Potassium</b> | <b>381</b>  |           | 185  | 24.7  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Selenium</b>  | <b>1.1</b>  | <b>J</b>  | 24.7 | 0.49  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| Silver           | 3.1         | U         | 3.1  | 0.25  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Sodium</b>    | <b>72.3</b> | <b>J</b>  | 863  | 16.0  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| Thallium         | 37.0        | U         | 37.0 | 0.37  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Vanadium</b>  | <b>10.8</b> |           | 3.1  | 0.14  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |
| <b>Zinc</b>      | <b>163</b>  | <b>B</b>  | 12.3 | 0.19  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:49 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-011-6.5-8**

Date Collected: 02/28/14 14:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-36**

Matrix: Solid

Percent Solids: 86.7

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.022  | U         | 0.022 | 0.0088 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 11:10 | 1       |

**Client Sample ID: LT-T-009-0-2**

Date Collected: 02/28/14 14:25

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-37**

Matrix: Solid

Percent Solids: 91.5

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

| Analyte                       | Result     | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|------|------|-------|---|----------------|----------------|---------|
| Biphenyl                      | 3700       | U         | 3700 | 230  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| bis (2-chloroisopropyl) ether | 3700       | U         | 3700 | 380  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,4,5-Trichlorophenol         | 3700       | U         | 3700 | 790  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,4,6-Trichlorophenol         | 3700       | U         | 3700 | 240  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,4-Dichlorophenol            | 3700       | U         | 3700 | 190  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,4-Dimethylphenol            | 3700       | U         | 3700 | 980  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,4-Dinitrophenol             | 7100       | U         | 7100 | 1300 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,4-Dinitrotoluene            | 3700       | U         | 3700 | 560  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2,6-Dinitrotoluene            | 3700       | U         | 3700 | 890  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2-Chloronaphthalene           | 3700       | U         | 3700 | 240  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2-Chlorophenol                | 3700       | U         | 3700 | 180  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2-Methylphenol                | 3700       | U         | 3700 | 110  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2-Methylnaphthalene           | 3700       | U         | 3700 | 44   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2-Nitroaniline                | 7100       | U         | 7100 | 1200 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 2-Nitrophenol                 | 3700       | U         | 3700 | 170  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 3,3'-Dichlorobenzidine        | 3700       | U         | 3700 | 3200 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 3-Nitroaniline                | 7100       | U         | 7100 | 840  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4,6-Dinitro-2-methylphenol    | 7100       | U         | 7100 | 1300 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Bromophenyl phenyl ether    | 3700       | U         | 3700 | 1200 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Chloro-3-methylphenol       | 3700       | U         | 3700 | 150  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Chloroaniline               | 3700       | U *       | 3700 | 1100 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Chlorophenyl phenyl ether   | 3700       | U         | 3700 | 77   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Methylphenol                | 7100       | U         | 7100 | 200  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Nitroaniline                | 7100       | U         | 7100 | 410  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| 4-Nitrophenol                 | 7100       | U         | 7100 | 880  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Acenaphthene                  | 3700       | U         | 3700 | 43   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Acenaphthylene                | 3700       | U         | 3700 | 30   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Acetophenone                  | 3700       | U         | 3700 | 190  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Anthracene                    | 3700       | U         | 3700 | 93   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Atrazine                      | 3700       | U         | 3700 | 160  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Benzaldehyde                  | 3700       | U         | 3700 | 400  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| <b>Benzo[a]anthracene</b>     | <b>410</b> | <b>J</b>  | 3700 | 63   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| <b>Benzo[a]pyrene</b>         | <b>530</b> | <b>J</b>  | 3700 | 88   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| <b>Benzo[b]fluoranthene</b>   | <b>600</b> | <b>J</b>  | 3700 | 70   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Benzo[g,h,i]perylene          | 3700       | U         | 3700 | 44   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| <b>Benzo[k]fluoranthene</b>   | <b>530</b> | <b>J</b>  | 3700 | 40   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Bis(2-chloroethoxy)methane    | 3700       | U         | 3700 | 200  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Bis(2-chloroethyl)ether       | 3700       | U         | 3700 | 310  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Bis(2-ethylhexyl) phthalate   | 3700       | U         | 3700 | 1200 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Butyl benzyl phthalate        | 3700       | U *       | 3700 | 980  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Caprolactam                   | 3700       | U         | 3700 | 1600 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |
| Carbazole                     | 3700       | U         | 3700 | 42   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 19:59 | 20      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-0-2**

Date Collected: 02/28/14 14:25

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-37**

Matrix: Solid

Percent Solids: 91.5

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL            | MDL  | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|---------------|------|-------|---|-----------------|-----------------|----------------|
| Chrysene                    | 530              | J                | 3700          | 36   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Dibenz(a,h)anthracene       | 290              | J                | 3700          | 43   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Di-n-butyl phthalate        | 3700             | U                | 3700          | 1300 | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Di-n-octyl phthalate        | 3700             | U                | 3700          | 85   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Dibenzofuran                | 3700             | U                | 3700          | 38   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Diethyl phthalate           | 3700             | U                | 3700          | 110  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Dimethyl phthalate          | 3700             | U                | 3700          | 95   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Fluoranthene                | 530              | J                | 3700          | 53   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Fluorene                    | 3700             | U                | 3700          | 84   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Hexachlorobenzene           | 3700             | U                | 3700          | 180  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Hexachlorobutadiene         | 3700             | U                | 3700          | 190  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Hexachlorocyclopentadiene   | 3700             | U                | 3700          | 1100 | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Hexachloroethane            | 3700             | U                | 3700          | 280  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Indeno[1,2,3-cd]pyrene      | 780              | J                | 3700          | 100  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Isophorone                  | 3700             | U                | 3700          | 180  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| N-Nitrosodi-n-propylamine   | 3700             | U                | 3700          | 290  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| N-Nitrosodiphenylamine      | 3700             | U                | 3700          | 200  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Naphthalene                 | 3700             | U                | 3700          | 60   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Nitrobenzene                | 3700             | U                | 3700          | 160  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Pentachlorophenol           | 7100             | U                | 7100          | 1200 | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Phenanthrene                | 180              | J                | 3700          | 76   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Phenol                      | 3700             | U                | 3700          | 380  | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Pyrene                      | 650              | J                | 3700          | 24   | ug/Kg | ⊗ | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 96               |                  | 34 - 132      |      |       |   | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| Phenol-d5 (Surr)            | 74               |                  | 11 - 120      |      |       |   | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| p-Terphenyl-d14 (Surr)      | 92               |                  | 65 - 153      |      |       |   | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| 2,4,6-Tribromophenol (Surr) | 45               |                  | 39 - 146      |      |       |   | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| 2-Fluorobiphenyl            | 90               |                  | 37 - 120      |      |       |   | 03/05/14 14:55  | 03/06/14 19:59  | 20             |
| 2-Fluorophenol (Surr)       | 69               |                  | 18 - 120      |      |       |   | 03/05/14 14:55  | 03/06/14 19:59  | 20             |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result    | Qualifier | RL        | MDL        | Unit         | D        | Prepared              | Analyzed              | Dil Fac   |
|---------------------|-----------|-----------|-----------|------------|--------------|----------|-----------------------|-----------------------|-----------|
| 4,4'-DDD            | 90        | U         | 90        | 17         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| 4,4'-DDE            | 90        | U         | 90        | 14         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| <b>4,4'-DDT</b>     | <b>38</b> | <b>J</b>  | <b>90</b> | <b>9.2</b> | <b>ug/Kg</b> | <b>⊗</b> | <b>03/06/14 08:37</b> | <b>03/06/14 18:32</b> | <b>50</b> |
| Aldrin              | 90        | U         | 90        | 22         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| alpha-BHC           | 90        | U         | 90        | 16         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| alpha-Chlordane     | 90        | U         | 90        | 45         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| beta-BHC            | 90        | U         | 90        | 9.7        | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| delta-BHC           | 90        | U         | 90        | 12         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Dieldrin            | 90        | U         | 90        | 22         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Endosulfan I        | 90        | U         | 90        | 11         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Endosulfan II       | 90        | U         | 90        | 16         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Endosulfan sulfate  | 90        | U         | 90        | 17         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Endrin              | 90        | U         | 90        | 12         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Endrin aldehyde     | 90        | U         | 90        | 23         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| Endrin ketone       | 90        | U         | 90        | 22         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |
| gamma-BHC (Lindane) | 90        | U         | 90        | 11         | ug/Kg        | ⊗        | 03/06/14 08:37        | 03/06/14 18:32        | 50        |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-0-2**

Date Collected: 02/28/14 14:25

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-37**

Matrix: Solid

Percent Solids: 91.5

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte                | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| gamma-Chlordane        | 90               | U                | 90  | 29            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:32  | 50             |
| Heptachlor             | 90               | U                | 90  | 14            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:32  | 50             |
| Heptachlor epoxide     | 90               | U                | 90  | 23            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:32  | 50             |
| Methoxychlor           | 90               | U                | 90  | 12            | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:32  | 50             |
| Toxaphene              | 900              | U                | 900 | 520           | ug/Kg | ⊗ | 03/06/14 08:37  | 03/06/14 18:32  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     | 32 - 136      |       |   | 03/06/14 08:37  | 03/06/14 18:32  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     | 30 - 124      |       |   | 03/06/14 08:37  | 03/06/14 18:32  | 50             |

## Method: 6010C - Metals (ICP)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 3350   |           | 56.0 | 4.9   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Antimony  | 2.4    | J         | 84.0 | 0.45  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Arsenic   | 11.5   |           | 11.2 | 0.45  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Barium    | 41.5   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Beryllium | 0.16   | J         | 1.1  | 0.031 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Cadmium   | 0.51   | J         | 1.1  | 0.034 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Calcium   | 8710   |           | 280  | 3.7   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Chromium  | 22.6   |           | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Cobalt    | 13.2   |           | 2.8  | 0.056 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Copper    | 63.9   |           | 5.6  | 0.24  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Iron      | 9810   | B         | 56.0 | 1.2   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Lead      | 35.0   |           | 5.6  | 0.27  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Magnesium | 1720   |           | 112  | 1.0   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Manganese | 157    |           | 1.1  | 0.036 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Nickel    | 19.4   | J         | 28.0 | 0.26  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Potassium | 646    |           | 168  | 22.4  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Selenium  | 9.9    | J         | 22.4 | 0.45  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Silver    | 2.8    | U         | 2.8  | 0.22  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Sodium    | 88.9   | J         | 784  | 14.6  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Thallium  | 33.6   | U         | 33.6 | 0.34  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Vanadium  | 11.4   |           | 2.8  | 0.12  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |
| Zinc      | 57.1   | B         | 11.2 | 0.17  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 04:58 | 1       |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.61   |           | 0.021 | 0.0086 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 11:12 | 1       |

**Client Sample ID: LT-T-009-4-6**

Date Collected: 02/28/14 14:30

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-38**

Matrix: Solid

Percent Solids: 89.3

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 1900   | U         | 1900 | 120 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| bis (2-chloroisopropyl) ether | 1900   | U         | 1900 | 200 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2,4,5-Trichlorophenol         | 1900   | U         | 1900 | 410 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2,4,6-Trichlorophenol         | 1900   | U         | 1900 | 120 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2,4-Dichlorophenol            | 1900   | U         | 1900 | 98  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-4-6**

**Date Collected: 02/28/14 14:30**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-38**

**Matrix: Solid**

**Percent Solids: 89.3**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|------|------|-------|---|----------------|----------------|---------|
| 2,4-Dimethylphenol          | 1900       | U         | 1900 | 500  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2,4-Dinitrophenol           | 3700       | U         | 3700 | 650  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2,4-Dinitrotoluene          | 1900       | U         | 1900 | 290  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2,6-Dinitrotoluene          | 1900       | U         | 1900 | 460  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2-Chloronaphthalene         | 1900       | U         | 1900 | 130  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2-Chlorophenol              | 1900       | U         | 1900 | 95   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2-Methylphenol              | 1900       | U         | 1900 | 57   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2-Methylnaphthalene         | 1900       | U         | 1900 | 23   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2-Nitroaniline              | 3700       | U         | 3700 | 600  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 2-Nitrophenol               | 1900       | U         | 1900 | 85   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 3,3'-Dichlorobenzidine      | 1900       | U         | 1900 | 1600 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 3-Nitroaniline              | 3700       | U         | 3700 | 430  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4,6-Dinitro-2-methylphenol  | 3700       | U         | 3700 | 650  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Bromophenyl phenyl ether  | 1900       | U         | 1900 | 590  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Chloro-3-methylphenol     | 1900       | U         | 1900 | 77   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Chloroaniline             | 1900       | U *       | 1900 | 550  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Chlorophenyl phenyl ether | 1900       | U         | 1900 | 40   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Methylphenol              | 3700       | U         | 3700 | 100  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Nitroaniline              | 3700       | U         | 3700 | 210  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| 4-Nitrophenol               | 3700       | U         | 3700 | 450  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Acenaphthene                | 1900       | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Acenaphthylene              | 1900       | U         | 1900 | 15   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Acetophenone                | 1900       | U         | 1900 | 96   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Anthracene                  | 1900       | U         | 1900 | 48   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Atrazine                    | 1900       | U         | 1900 | 83   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Benzaldehyde                | 1900       | U         | 1900 | 200  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| <b>Benzo[a]anthracene</b>   | <b>220</b> | <b>J</b>  | 1900 | 32   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Benzo[a]pyrene              | 1900       | U         | 1900 | 45   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Benzo[b]fluoranthene        | 1900       | U         | 1900 | 36   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Benzo[g,h,i]perylene        | 1900       | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Benzo[k]fluoranthene        | 1900       | U         | 1900 | 21   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Bis(2-chloroethoxy)methane  | 1900       | U         | 1900 | 100  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Bis(2-chloroethyl)ether     | 1900       | U         | 1900 | 160  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Bis(2-ethylhexyl) phthalate | 1900       | U         | 1900 | 600  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Butyl benzyl phthalate      | 1900       | U *       | 1900 | 500  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Caprolactam                 | 1900       | U         | 1900 | 810  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Carbazole                   | 1900       | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| <b>Chrysene</b>             | <b>180</b> | <b>J</b>  | 1900 | 19   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Dibenz(a,h)anthracene       | 1900       | U         | 1900 | 22   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Di-n-butyl phthalate        | 1900       | U         | 1900 | 650  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Di-n-octyl phthalate        | 1900       | U         | 1900 | 44   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Dibenzofuran                | 1900       | U         | 1900 | 19   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Diethyl phthalate           | 1900       | U         | 1900 | 56   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Dimethyl phthalate          | 1900       | U         | 1900 | 49   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| <b>Fluoranthene</b>         | <b>210</b> | <b>J</b>  | 1900 | 27   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Fluorene                    | 1900       | U         | 1900 | 43   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Hexachlorobenzene           | 1900       | U         | 1900 | 93   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Hexachlorobutadiene         | 1900       | U         | 1900 | 96   | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |
| Hexachlorocyclopentadiene   | 1900       | U         | 1900 | 560  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/06/14 20:22 | 10      |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-4-6**

**Date Collected: 02/28/14 14:30**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-38**

**Matrix: Solid**

**Percent Solids: 89.3**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result           | Qualifier        | RL   | MDL | Unit          | D | Prepared        | Analyzed        | Dil Fac        |
|-----------------------------|------------------|------------------|------|-----|---------------|---|-----------------|-----------------|----------------|
| Hexachloroethane            | 1900             | U                | 1900 | 140 | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Indeno[1,2,3-cd]pyrene      | 1900             | U                | 1900 | 52  | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Isophorone                  | 1900             | U                | 1900 | 93  | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| N-Nitrosodi-n-propylamine   | 1900             | U                | 1900 | 150 | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| N-Nitrosodiphenylamine      | 1900             | U                | 1900 | 100 | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Naphthalene                 | 1900             | U                | 1900 | 31  | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Nitrobenzene                | 1900             | U                | 1900 | 83  | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Pentachlorophenol           | 3700             | U                | 3700 | 640 | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| <b>Phenanthrene</b>         | <b>130</b>       | <b>J</b>         | 1900 | 39  | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Phenol                      | 1900             | U                | 1900 | 200 | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| <b>Pyrene</b>               | <b>240</b>       | <b>J</b>         | 1900 | 12  | ug/Kg         | ⊗ | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> |      |     | <b>Limits</b> |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| Nitrobenzene-d5 (Surr)      | 89               |                  |      |     | 34 - 132      |   | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| Phenol-d5 (Surr)            | 78               |                  |      |     | 11 - 120      |   | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| p-Terphenyl-d14 (Surr)      | 102              |                  |      |     | 65 - 153      |   | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| 2,4,6-Tribromophenol (Surr) | 34               | X                |      |     | 39 - 146      |   | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| 2-Fluorobiphenyl            | 91               |                  |      |     | 37 - 120      |   | 03/05/14 14:55  | 03/06/14 20:22  | 10             |
| 2-Fluorophenol (Surr)       | 75               |                  |      |     | 18 - 120      |   | 03/05/14 14:55  | 03/06/14 20:22  | 10             |

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte                | Result           | Qualifier        | RL  | MDL | Unit          | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------|------------------|------------------|-----|-----|---------------|---|-----------------|-----------------|----------------|
| 4,4'-DDD               | 92               | U                | 92  | 18  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| 4,4'-DDE               | 92               | U                | 92  | 14  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| <b>4,4'-DDT</b>        | <b>35</b>        | <b>J</b>         | 92  | 9.4 | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Aldrin                 | 92               | U                | 92  | 23  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| alpha-BHC              | 92               | U                | 92  | 17  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| alpha-Chlordane        | 92               | U                | 92  | 46  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| beta-BHC               | 92               | U                | 92  | 9.9 | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| delta-BHC              | 92               | U                | 92  | 12  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Dieldrin               | 92               | U                | 92  | 22  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Endosulfan I           | 92               | U                | 92  | 12  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Endosulfan II          | 92               | U                | 92  | 17  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Endosulfan sulfate     | 92               | U                | 92  | 17  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Endrin                 | 92               | U                | 92  | 13  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Endrin aldehyde        | 92               | U                | 92  | 23  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Endrin ketone          | 92               | U                | 92  | 23  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| gamma-BHC (Lindane)    | 92               | U                | 92  | 11  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| gamma-Chlordane        | 92               | U                | 92  | 29  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Heptachlor             | 92               | U                | 92  | 14  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Heptachlor epoxide     | 92               | U                | 92  | 24  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Methoxychlor           | 92               | U                | 92  | 13  | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Toxaphene              | 920              | U                | 920 | 530 | ug/Kg         | ⊗ | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| <b>Surrogate</b>       | <b>%Recovery</b> | <b>Qualifier</b> |     |     | <b>Limits</b> |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl | 0                | X                |     |     | 32 - 136      |   | 03/06/14 08:37  | 03/06/14 18:49  | 50             |
| Tetrachloro-m-xylene   | 0                | X                |     |     | 30 - 124      |   | 03/06/14 08:37  | 03/06/14 18:49  | 50             |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-4-6**

Date Collected: 02/28/14 14:30

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-38**

Matrix: Solid

Percent Solids: 89.3

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 2450   |           | 52.1 | 4.6   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Antimony  | 78.2   | U         | 78.2 | 0.42  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Arsenic   | 3.4    | J         | 10.4 | 0.42  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Barium    | 20.5   |           | 2.6  | 0.11  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Beryllium | 0.10   | J         | 1.0  | 0.029 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Cadmium   | 0.10   | J         | 1.0  | 0.031 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Calcium   | 7510   |           | 261  | 3.4   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Chromium  | 13.7   |           | 2.6  | 0.21  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Cobalt    | 7.4    |           | 2.6  | 0.052 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Copper    | 19.1   |           | 5.2  | 0.22  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Iron      | 5740   | B         | 52.1 | 1.1   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Lead      | 18.2   |           | 5.2  | 0.25  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Magnesium | 928    |           | 104  | 0.97  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Manganese | 130    |           | 1.0  | 0.033 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Nickel    | 11.2   | J         | 26.1 | 0.24  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Potassium | 413    |           | 156  | 20.9  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Selenium  | 1.2    | J         | 20.9 | 0.42  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Silver    | 2.6    | U         | 2.6  | 0.21  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Sodium    | 114    | J         | 730  | 13.6  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Thallium  | 31.3   | U         | 31.3 | 0.31  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Vanadium  | 8.4    |           | 2.6  | 0.11  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |
| Zinc      | 15.0   | B         | 10.4 | 0.16  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:00 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.053  |           | 0.022 | 0.0090 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 11:14 | 1       |

**Client Sample ID: LT-T-009-12-14**

Date Collected: 02/28/14 14:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-39**

Matrix: Solid

Percent Solids: 86.0

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane                 | 4.9    | U         | 4.9 | 0.35 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,1,2,2-Tetrachloroethane             | 4.9    | U         | 4.9 | 0.79 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 4.9    | U         | 4.9 | 1.1  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,1,2-Trichloroethane                 | 4.9    | U         | 4.9 | 0.64 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,1-Dichloroethane                    | 4.9    | U         | 4.9 | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,1-Dichloroethene                    | 4.9    | U         | 4.9 | 0.60 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2,4-Trichlorobenzene                | 4.9    | U         | 4.9 | 0.30 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2,4-Trimethylbenzene                | 4.9    | U         | 4.9 | 0.94 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 4.9    | U         | 4.9 | 2.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2-Dibromoethane                     | 4.9    | U         | 4.9 | 0.63 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2-Dichlorobenzene                   | 4.9    | U         | 4.9 | 0.38 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2-Dichloroethane                    | 4.9    | U         | 4.9 | 0.25 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,2-Dichloropropane                   | 4.9    | U         | 4.9 | 2.4  | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,3,5-Trimethylbenzene                | 4.9    | U         | 4.9 | 0.31 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,3-Dichlorobenzene                   | 4.9    | U         | 4.9 | 0.25 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,4-Dichlorobenzene                   | 4.9    | U         | 4.9 | 0.68 | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |
| 1,4-Dioxane                           | 200    | U         | 200 | 24   | ug/Kg | ⊗ | 03/02/14 23:44 | 03/03/14 07:18 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-12-14**

Date Collected: 02/28/14 14:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-39**

Matrix: Solid

Percent Solids: 86.0

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                         | Result           | Qualifier        | RL  | MDL           | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|---------------------------------|------------------|------------------|-----|---------------|-------|---|-----------------|-----------------|----------------|
| 2-Butanone (MEK)                | 24               | U                | 24  | 1.8           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| 2-Hexanone                      | 24               | U                | 24  | 2.4           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| 4-Methyl-2-pentanone (MIBK)     | 24               | U                | 24  | 1.6           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| <b>Acetone</b>                  | <b>27</b>        |                  | 24  | 4.1           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Benzene                         | 4.9              | U                | 4.9 | 0.24          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Bromodichloromethane            | 4.9              | U                | 4.9 | 0.65          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Bromoform                       | 4.9              | U                | 4.9 | 2.4           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Bromomethane                    | 4.9              | U                | 4.9 | 0.44          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Carbon disulfide                | 4.9              | U                | 4.9 | 2.4           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Carbon tetrachloride            | 4.9              | U                | 4.9 | 0.47          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Chlorobenzene                   | 4.9              | U                | 4.9 | 0.65          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Chloroethane                    | 4.9              | U                | 4.9 | 1.1           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Chloroform                      | 4.9              | U                | 4.9 | 0.30          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Chloromethane                   | 4.9              | U                | 4.9 | 0.30          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| <b>cis-1,2-Dichloroethene</b>   | <b>27</b>        |                  | 4.9 | 0.63          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| cis-1,3-Dichloropropene         | 4.9              | U *              | 4.9 | 0.70          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| <b>Cyclohexane</b>              | <b>0.99 J</b>    |                  | 4.9 | 0.68          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Dibromochloromethane            | 4.9              | U                | 4.9 | 0.63          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Dichlorodifluoromethane         | 4.9              | U                | 4.9 | 0.40          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Ethylbenzene                    | 4.9              | U                | 4.9 | 0.34          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Isopropylbenzene                | 4.9              | U                | 4.9 | 0.74          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Methyl acetate                  | 4.9              | U                | 4.9 | 0.91          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Methyl tert-butyl ether         | 4.9              | U                | 4.9 | 0.48          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Methylcyclohexane               | 4.9              | U                | 4.9 | 0.74          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Methylene Chloride              | 4.9              | U                | 4.9 | 2.2           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| n-Butylbenzene                  | 4.9              | U                | 4.9 | 0.43          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| N-Propylbenzene                 | 4.9              | U                | 4.9 | 0.39          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| sec-Butylbenzene                | 4.9              | U                | 4.9 | 0.43          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Styrene                         | 4.9              | U                | 4.9 | 0.24          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| tert-Butylbenzene               | 4.9              | U                | 4.9 | 0.51          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Tetrachloroethene               | 4.9              | U                | 4.9 | 0.66          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Toluene                         | 4.9              | U                | 4.9 | 0.37          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| <b>trans-1,2-Dichloroethene</b> | <b>1.9 J</b>     |                  | 4.9 | 0.50          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| trans-1,3-Dichloropropene       | 4.9              | U                | 4.9 | 2.2           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Trichloroethene                 | 4.9              | U                | 4.9 | 1.1           | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Trichlorofluoromethane          | 4.9              | U                | 4.9 | 0.46          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| <b>Vinyl chloride</b>           | <b>33</b>        |                  | 4.9 | 0.60          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Xylenes, Total                  | 9.8              | U                | 9.8 | 0.82          | ug/Kg | ⊗ | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| <b>Surrogate</b>                | <b>%Recovery</b> | <b>Qualifier</b> |     | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr)    | 116              |                  |     | 64 - 126      |       |   | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| 4-Bromofluorobenzene (Surr)     | 95               |                  |     | 72 - 126      |       |   | 03/02/14 23:44  | 03/03/14 07:18  | 1              |
| Toluene-d8 (Surr)               | 101              |                  |     | 71 - 125      |       |   | 03/02/14 23:44  | 03/03/14 07:18  | 1              |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Biphenyl                      | 200    | U         | 200 | 12  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| bis (2-chloroisopropyl) ether | 200    | U         | 200 | 20  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,4,5-Trichlorophenol         | 200    | U         | 200 | 42  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,4,6-Trichlorophenol         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-12-14**

**Date Collected: 02/28/14 14:35**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-39**

**Matrix: Solid**

**Percent Solids: 86.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,4-Dichlorophenol          | 200    | U         | 200 | 10  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,4-Dimethylphenol          | 200    | U         | 200 | 52  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,4-Dinitrophenol           | 380    | U         | 380 | 68  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,4-Dinitrotoluene          | 200    | U         | 200 | 30  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,6-Dinitrotoluene          | 200    | U         | 200 | 47  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Chloronaphthalene         | 200    | U         | 200 | 13  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Chlorophenol              | 200    | U         | 200 | 9.9 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Methylphenol              | 200    | U         | 200 | 6.0 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Methylnaphthalene         | 200    | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Nitroaniline              | 380    | U         | 380 | 62  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Nitrophenol               | 200    | U         | 200 | 8.9 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 3,3'-Dichlorobenzidine      | 200    | U         | 200 | 170 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 3-Nitroaniline              | 380    | U         | 380 | 45  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4,6-Dinitro-2-methylphenol  | 380    | U         | 380 | 67  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Bromophenyl phenyl ether  | 200    | U         | 200 | 62  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Chloro-3-methylphenol     | 200    | U         | 200 | 8.0 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Chloroaniline             | 200    | U *       | 200 | 57  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Chlorophenyl phenyl ether | 200    | U         | 200 | 4.1 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Methylphenol              | 380    | U         | 380 | 11  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Nitroaniline              | 380    | U         | 380 | 22  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 4-Nitrophenol               | 380    | U         | 380 | 47  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Acenaphthene                | 200    | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Acenaphthylene              | 200    | U         | 200 | 1.6 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Acetophenone                | 200    | U         | 200 | 9.9 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Anthracene                  | 200    | U         | 200 | 5.0 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Atrazine                    | 200    | U         | 200 | 8.6 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Benzaldehyde                | 200    | U         | 200 | 21  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Benzo[a]anthracene          | 200    | U         | 200 | 3.3 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Benzo[a]pyrene              | 200    | U         | 200 | 4.7 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Benzo[b]fluoranthene        | 200    | U         | 200 | 3.8 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Benzo[g,h,i]perylene        | 200    | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Benzo[k]fluoranthene        | 200    | U         | 200 | 2.1 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Bis(2-chloroethoxy)methane  | 200    | U         | 200 | 11  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Bis(2-chloroethyl)ether     | 200    | U         | 200 | 17  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Bis(2-ethylhexyl) phthalate | 200    | U         | 200 | 62  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Butyl benzyl phthalate      | 200    | U *       | 200 | 52  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Caprolactam                 | 200    | U         | 200 | 84  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Carbazole                   | 200    | U         | 200 | 2.2 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Chrysene                    | 200    | U         | 200 | 1.9 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Dibenz(a,h)anthracene       | 200    | U         | 200 | 2.3 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Di-n-butyl phthalate        | 200    | U         | 200 | 67  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Di-n-octyl phthalate        | 200    | U         | 200 | 4.5 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Dibenzofuran                | 200    | U         | 200 | 2.0 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Diethyl phthalate           | 200    | U         | 200 | 5.9 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Dimethyl phthalate          | 200    | U         | 200 | 5.1 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Fluoranthene                | 200    | U         | 200 | 2.8 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Fluorene                    | 200    | U         | 200 | 4.5 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Hexachlorobenzene           | 200    | U         | 200 | 9.6 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Hexachlorobutadiene         | 200    | U         | 200 | 9.9 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-12-14****Lab Sample ID: 480-55387-39**

Date Collected: 02/28/14 14:35

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 86.0

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Hexachlorocyclopentadiene   | 200       | U         | 200      | 59  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Hexachloroethane            | 200       | U         | 200      | 15  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Indeno[1,2,3-cd]pyrene      | 200       | U         | 200      | 5.4 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Isophorone                  | 200       | U         | 200      | 9.7 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| N-Nitrosodi-n-propylamine   | 200       | U         | 200      | 15  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| N-Nitrosodiphenylamine      | 200       | U         | 200      | 11  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Naphthalene                 | 200       | U         | 200      | 3.2 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Nitrobenzene                | 200       | U         | 200      | 8.6 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Pentachlorophenol           | 380       | U         | 380      | 66  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Phenanthrene                | 200       | U         | 200      | 4.1 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Phenol                      | 200       | U         | 200      | 20  | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Pyrene                      | 200       | U         | 200      | 1.3 | ug/Kg | ⊗ | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| <hr/>                       |           |           |          |     |       |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 93        |           | 34 - 132 |     |       |   | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| Phenol-d5 (Surr)            | 84        |           | 11 - 120 |     |       |   | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| p-Terphenyl-d14 (Surr)      | 124       |           | 65 - 153 |     |       |   | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2,4,6-Tribromophenol (Surr) | 94        |           | 39 - 146 |     |       |   | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Fluorobiphenyl            | 91        |           | 37 - 120 |     |       |   | 03/05/14 14:55 | 03/07/14 00:56 | 1       |
| 2-Fluorophenol (Surr)       | 78        |           | 18 - 120 |     |       |   | 03/05/14 14:55 | 03/07/14 00:56 | 1       |

**Method: 8081B - Organochlorine Pesticides (GC)**

| Analyte                | Result      | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-------------|-----------|----------|------|-------|---|----------------|----------------|---------|
| 4,4'-DDD               | 1.9         | U         | 1.9      | 0.37 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| 4,4'-DDE               | 1.9         | U         | 1.9      | 0.29 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| <b>4,4'-DDT</b>        | <b>0.74</b> | <b>J</b>  | 1.9      | 0.20 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Aldrin                 | 1.9         | U         | 1.9      | 0.47 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| alpha-BHC              | 1.9         | U         | 1.9      | 0.35 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| alpha-Chlordane        | 1.9         | U         | 1.9      | 0.96 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| beta-BHC               | 1.9         | U         | 1.9      | 0.21 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| delta-BHC              | 1.9         | U         | 1.9      | 0.25 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Dieldrin               | 1.9         | U         | 1.9      | 0.46 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Endosulfan I           | 1.9         | U         | 1.9      | 0.24 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Endosulfan II          | 1.9         | U         | 1.9      | 0.35 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Endosulfan sulfate     | 1.9         | U         | 1.9      | 0.36 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Endrin                 | 1.9         | U         | 1.9      | 0.26 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Endrin aldehyde        | 1.9         | U         | 1.9      | 0.49 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Endrin ketone          | 1.9         | U         | 1.9      | 0.47 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| gamma-BHC (Lindane)    | 1.9         | U         | 1.9      | 0.24 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| gamma-Chlordane        | 1.9         | U         | 1.9      | 0.61 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Heptachlor             | 1.9         | U         | 1.9      | 0.30 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Heptachlor epoxide     | 1.9         | U         | 1.9      | 0.50 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Methoxychlor           | 1.9         | U         | 1.9      | 0.26 | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Toxaphene              | 19          | U         | 19       | 11   | ug/Kg | ⊗ | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| <hr/>                  |             |           |          |      |       |   |                |                |         |
| Surrogate              | %Recovery   | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 99          |           | 32 - 136 |      |       |   | 03/05/14 07:39 | 03/05/14 19:03 | 1       |
| Tetrachloro-m-xylene   | 83          |           | 30 - 124 |      |       |   | 03/05/14 07:39 | 03/05/14 19:03 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-009-12-14**

Date Collected: 02/28/14 14:35

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-39**

Matrix: Solid

Percent Solids: 86.0

**Method: 6010C - Metals (ICP)**

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 3380   |           | 63.5 | 5.6   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Antimony  | 95.2   | U         | 95.2 | 0.51  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Arsenic   | 10.7   | J         | 12.7 | 0.51  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Barium    | 143    |           | 3.2  | 0.14  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Beryllium | 0.074  | J         | 1.3  | 0.036 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Cadmium   | 0.051  | J         | 1.3  | 0.038 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Calcium   | 597    |           | 317  | 4.2   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Chromium  | 18.1   |           | 3.2  | 0.25  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Cobalt    | 6.4    |           | 3.2  | 0.063 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Copper    | 12.1   |           | 6.3  | 0.27  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Iron      | 21400  | B         | 63.5 | 1.4   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Lead      | 1.8    | J         | 6.3  | 0.30  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Magnesium | 788    |           | 127  | 1.2   | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Manganese | 1600   |           | 1.3  | 0.041 | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Nickel    | 17.0   | J         | 31.7 | 0.29  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Potassium | 895    |           | 190  | 25.4  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Selenium  | 25.4   | U         | 25.4 | 0.51  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Silver    | 3.2    | U         | 3.2  | 0.25  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Sodium    | 84.9   | J         | 889  | 16.5  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Thallium  | 38.1   | U         | 38.1 | 0.38  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Vanadium  | 8.7    |           | 3.2  | 0.14  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |
| Zinc      | 11.5   | J B       | 12.7 | 0.19  | mg/Kg | ⊗ | 03/04/14 15:30 | 03/07/14 05:03 | 1       |

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.022  | U         | 0.022 | 0.0091 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 11:16 | 1       |

**Client Sample ID: TB**

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

**Lab Sample ID: 480-55387-40**

Matrix: Water

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte                               | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane                 | 1.0    | U         | 1.0 | 0.82 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,1,2,2-Tetrachloroethane             | 1.0    | U         | 1.0 | 0.21 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0    | U         | 1.0 | 0.31 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,1,2-Trichloroethane                 | 1.0    | U         | 1.0 | 0.23 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,1-Dichloroethane                    | 1.0    | U         | 1.0 | 0.38 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,1-Dichloroethene                    | 1.0    | U         | 1.0 | 0.29 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2,4-Trichlorobenzene                | 1.0    | U         | 1.0 | 0.41 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2,4-Trimethylbenzene                | 1.0    | U         | 1.0 | 0.75 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 1.0    | U         | 1.0 | 0.39 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2-Dibromoethane                     | 1.0    | U         | 1.0 | 0.73 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2-Dichlorobenzene                   | 1.0    | U         | 1.0 | 0.79 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2-Dichloroethane                    | 1.0    | U         | 1.0 | 0.21 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,2-Dichloropropane                   | 1.0    | U         | 1.0 | 0.72 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,3,5-Trimethylbenzene                | 1.0    | U         | 1.0 | 0.77 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,3-Dichlorobenzene                   | 1.0    | U         | 1.0 | 0.78 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,4-Dichlorobenzene                   | 1.0    | U         | 1.0 | 0.84 | ug/L |   |          | 03/03/14 01:13 | 1       |
| 1,4-Dioxane                           | 40     | U         | 40  | 9.3  | ug/L |   |          | 03/03/14 01:13 | 1       |

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: TB**

**Date Collected: 02/28/14 00:00**

**Date Received: 03/01/14 09:00**

**Lab Sample ID: 480-55387-40**

**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte                     | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------------|----------|---------|
| 2-Butanone (MEK)            | 10     | U         | 10  | 1.3  | ug/L |   | 03/03/14 01:13 |          | 1       |
| 2-Hexanone                  | 5.0    | U         | 5.0 | 1.2  | ug/L |   | 03/03/14 01:13 |          | 1       |
| 4-Methyl-2-pentanone (MIBK) | 5.0    | U         | 5.0 | 2.1  | ug/L |   | 03/03/14 01:13 |          | 1       |
| Acetone                     | 10     | U         | 10  | 3.0  | ug/L |   | 03/03/14 01:13 |          | 1       |
| Benzene                     | 1.0    | U         | 1.0 | 0.41 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Bromodichloromethane        | 1.0    | U         | 1.0 | 0.39 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Bromoform                   | 1.0    | U         | 1.0 | 0.26 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Bromomethane                | 1.0    | U         | 1.0 | 0.69 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Carbon disulfide            | 1.0    | U         | 1.0 | 0.19 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Carbon tetrachloride        | 1.0    | U         | 1.0 | 0.27 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Chlorobenzene               | 1.0    | U         | 1.0 | 0.75 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Chloroethane                | 1.0    | U         | 1.0 | 0.32 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Chloroform                  | 1.0    | U         | 1.0 | 0.34 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Chloromethane               | 1.0    | U         | 1.0 | 0.35 | ug/L |   | 03/03/14 01:13 |          | 1       |
| cis-1,2-Dichloroethene      | 1.0    | U         | 1.0 | 0.81 | ug/L |   | 03/03/14 01:13 |          | 1       |
| cis-1,3-Dichloropropene     | 1.0    | U         | 1.0 | 0.36 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Cyclohexane                 | 1.0    | U         | 1.0 | 0.18 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Dibromochloromethane        | 1.0    | U         | 1.0 | 0.32 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Dichlorodifluoromethane     | 1.0    | U         | 1.0 | 0.68 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Ethylbenzene                | 1.0    | U         | 1.0 | 0.74 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Isopropylbenzene            | 1.0    | U         | 1.0 | 0.79 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Methyl acetate              | 2.5    | U         | 2.5 | 0.50 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Methyl tert-butyl ether     | 1.0    | U         | 1.0 | 0.16 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Methylcyclohexane           | 1.0    | U         | 1.0 | 0.16 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Methylene Chloride          | 1.0    | U         | 1.0 | 0.44 | ug/L |   | 03/03/14 01:13 |          | 1       |
| n-Butylbenzene              | 1.0    | U         | 1.0 | 0.64 | ug/L |   | 03/03/14 01:13 |          | 1       |
| N-Propylbenzene             | 1.0    | U         | 1.0 | 0.69 | ug/L |   | 03/03/14 01:13 |          | 1       |
| sec-Butylbenzene            | 1.0    | U         | 1.0 | 0.75 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Styrene                     | 1.0    | U         | 1.0 | 0.73 | ug/L |   | 03/03/14 01:13 |          | 1       |
| tert-Butylbenzene           | 1.0    | U         | 1.0 | 0.81 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Tetrachloroethene           | 1.0    | U         | 1.0 | 0.36 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Toluene                     | 1.0    | U         | 1.0 | 0.51 | ug/L |   | 03/03/14 01:13 |          | 1       |
| trans-1,2-Dichloroethene    | 1.0    | U         | 1.0 | 0.90 | ug/L |   | 03/03/14 01:13 |          | 1       |
| trans-1,3-Dichloropropene   | 1.0    | U         | 1.0 | 0.37 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Trichloroethene             | 1.0    | U         | 1.0 | 0.46 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Trichlorofluoromethane      | 1.0    | U         | 1.0 | 0.88 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Vinyl chloride              | 1.0    | U         | 1.0 | 0.90 | ug/L |   | 03/03/14 01:13 |          | 1       |
| Xylenes, Total              | 2.0    | U         | 2.0 | 0.66 | ug/L |   | 03/03/14 01:13 |          | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 66 - 137 |          | 03/03/14 01:13 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 03/03/14 01:13 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 71 - 126 |          | 03/03/14 01:13 | 1       |

TestAmerica Buffalo

## Surrogate Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|-------------------|------------------------|--|-----------------|-----------------|
|                   |                        | 12DCE<br>(64-126)                              | BFB<br>(72-126) | TOL<br>(71-125) |
| 480-55387-3       | LT-T-001-10-12         | 119  | 96              | 103             |
| 480-55387-6       | LT-T-002-12-14         | 102  | 90              | 93              |
| 480-55387-9       | LT-T-004-10-12         | 122  | 97              | 103             |
| 480-55387-9 MS    | LT-T-004-10-12 MS      | 95   | 88              | 94              |
| 480-55387-9 MSD   | LT-T-004-10-12 MSD     | 92   | 89              | 94              |
| 480-55387-12      | LT-T-003-10-12         | 120  | 96              | 103             |
| 480-55387-15      | LT-T-007-14-16         | 117  | 95              | 107             |
| 480-55387-18      | LT-T-005-16-19         | 120  | 95              | 105             |
| 480-55387-21      | LT-T-006-12-14         | 107  | 88              | 94              |
| 480-55387-24      | LT-T-008-14-16         | 110  | 88              | 93              |
| 480-55387-29      | LT-T-012-4-6           | 120  | 85              | 90              |
| 480-55387-33      | LT-T-010-7-8.5         | 120  | 95              | 103             |
| 480-55387-36      | LT-T-011-6.5-8         | 117  | 96              | 103             |
| 480-55387-39      | LT-T-009-12-14         | 116  | 95              | 101             |
| LCS 480-168183/6  | Lab Control Sample     | 113  | 99              | 103             |
| LCS 480-168268/6  | Lab Control Sample     | 103  | 90              | 92              |
| LCSD 480-168183/7 | Lab Control Sample Dup | 113  | 98              | 104             |
| MB 480-168183/8   | Method Blank           | 111  | 92              | 102             |
| MB 480-168268/7   | Method Blank           | 99   | 87              | 93              |

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

### Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|------------------|--------------------|--|-----------------|-----------------|
|                  |                    | 12DCE<br>(66-137)                              | BFB<br>(73-120) | TOL<br>(71-126) |
| 480-55387-30     | FB033              | 96   | 97              | 96              |
| 480-55387-40     | TB                 | 100  | 102             | 100             |
| LCS 480-168185/5 | Lab Control Sample | 99   | 100             | 100             |
| MB 480-168185/6  | Method Blank       | 100  | 100             | 100             |

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                 |                 |
|---------------|------------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                  | NBZ<br>(34-132)                                | PHL<br>(11-120) | TPH<br>(65-153) | TBP<br>(39-146) | FBP<br>(37-120) | 2FP<br>(18-120) |
| 480-55387-1   | LT-T-001-0-2     | 75   | 85              | 83              | 91              | 83              | 87              |
| 480-55387-2   | LT-T-001-8-10    | 78   | 86              | 88              | 89              | 82              | 84              |
| 480-55387-3   | LT-T-001-10-12   | 79   | 85              | 96              | 92              | 86              | 82              |

TestAmerica Buffalo

# Surrogate Summary

Client: Posillico Consulting

TestAmerica Job ID: 480-55387-1

Project/Site: Glen Isle: Data Gap Field Program

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                 |                 |
|--------------------|--------------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|
|                    |                    | NBZ<br>(34-132)                                | PHL<br>(11-120) | TPH<br>(65-153) | TBP<br>(39-146) | FBP<br>(37-120) | 2FP<br>(18-120) |
| 480-55387-4        | LT-T-002-0-2       | 73   | 80              | 72              | 78              | 77              | 79              |
| 480-55387-5        | LT-T-002-2-4       | 84   | 88              | 80              | 71              | 86              | 89              |
| 480-55387-6        | LT-T-002-12-14     | 78   | 84              | 99              | 89              | 83              | 80              |
| 480-55387-7        | LT-T-004-0-2       | 88   | 93              | 87              | 91              | 91              | 91              |
| 480-55387-8        | LT-T-004-4-6       | 87   | 92              | 92              | 103             | 92              | 89              |
| 480-55387-9        | LT-T-004-10-12     | 78   | 82              | 83              | 90              | 82              | 80              |
| 480-55387-9 MS     | LT-T-004-10-12 MS  | 82   | 86              | 85              | 101             | 88              | 82              |
| 480-55387-9 MSD    | LT-T-004-10-12 MSD | 83   | 85              | 89              | 99              | 89              | 82              |
| 480-55387-10       | LT-T-003-0-2       | 83   | 85              | 71              | 73              | 83              | 89              |
| 480-55387-11       | LT-T-003-6-8       | 82   | 93              | 81              | 88              | 92              | 88              |
| 480-55387-12       | LT-T-003-10-12     | 87   | 96              | 87              | 100             | 94              | 92              |
| 480-55387-13       | LT-T-007-0-2       | 89   | 96              | 83              | 94              | 96              | 94              |
| 480-55387-14       | LT-T-007-6-8       | 81   | 86              | 78              | 89              | 88              | 82              |
| 480-55387-15       | LT-T-007-14-16     | 74   | 79              | 71              | 84              | 80              | 76              |
| 480-55387-16       | LT-T-005-0-2       | 88   | 95              | 85              | 86              | 99              | 95              |
| 480-55387-17       | LT-T-005-4-6       | 89   | 96              | 97              | 97              | 97              | 95              |
| 480-55387-18       | LT-T-005-16-19     | 92   | 97              | 94              | 103             | 94              | 93              |
| 480-55387-19       | LT-T-006-0-2       | 92   | 99              | 94              | 107             | 98              | 94              |
| 480-55387-20       | LT-T-006-4-6       | 79   | 82              | 83              | 53              | 87              | 83              |
| 480-55387-20 MS    | LT-T-006-4-6 MS    | 87   | 88              | 104             | 83              | 97              | 84              |
| 480-55387-20 MSD   | LT-T-006-4-6 MSD   | 87   | 93              | 110             | 81              | 98              | 89              |
| 480-55387-21       | LT-T-006-12-14     | 88   | 93              | 92              | 101             | 92              | 90              |
| 480-55387-22       | LT-T-008-0-2       | 90   | 95              | 87              | 67              | 93              | 88              |
| 480-55387-23       | LT-T-008-6-8       | 88   | 96              | 93              | 107             | 99              | 93              |
| 480-55387-24       | LT-T-008-14-16     | 85   | 94              | 91              | 105             | 93              | 89              |
| 480-55387-25       | DUP035             | 90   | 95              | 98              | 103             | 98              | 92              |
| 480-55387-26       | DUP036             | 91   | 102             | 91              | 110             | 100             | 100             |
| 480-55387-27       | LT-T-012-0-2       | 89   | 96              | 91              | 104             | 94              | 94              |
| 480-55387-28       | LT-T-012-2-4       | 88   | 96              | 91              | 107             | 95              | 93              |
| 480-55387-29       | LT-T-012-4-6       | 92   | 93              | 94              | 111             | 98              | 90              |
| 480-55387-31       | LT-T-010-0-2       | 84   | 85              | 79              | 72              | 86              | 87              |
| 480-55387-32       | LT-T-010-2-4       | 83   | 91              | 87              | 41              | 92              | 88              |
| 480-55387-33       | LT-T-010-7-8.5     | 93   | 98              | 95              | 107             | 100             | 97              |
| 480-55387-34       | LT-T-011-0-2       | 69   | 74              | 67              | 43              | 78              | 74              |
| 480-55387-35       | LT-T-011-2-4       | 82   | 89              | 95              | 78              | 94              | 90              |
| 480-55387-36       | LT-T-011-6.5-8     | 95   | 102             | 103             | 116             | 104             | 99              |
| 480-55387-37       | LT-T-009-0-2       | 96   | 74              | 92              | 45              | 90              | 69              |
| 480-55387-38       | LT-T-009-4-6       | 89   | 78              | 102             | 34 X            | 91              | 75              |
| 480-55387-39       | LT-T-009-12-14     | 93   | 84              | 124             | 94              | 91              | 78              |
| LCS 480-168599/2-A | Lab Control Sample | 86   | 89              | 97              | 93              | 90              | 87              |
| LCS 480-168600/2-A | Lab Control Sample | 93   | 94              | 105             | 111             | 99              | 88              |
| LCS 480-168716/2-A | Lab Control Sample | 99   | 88              | 112             | 108             | 97              | 80              |
| MB 480-168599/1-A  | Method Blank       | 74   | 84              | 89              | 72              | 81              | 82              |
| MB 480-168600/1-A  | Method Blank       | 92   | 96              | 104             | 92              | 96              | 94              |
| MB 480-168716/1-A  | Method Blank       | 90   | 83              | 105             | 94              | 87              | 76              |

### Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TestAmerica Buffalo

# Surrogate Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

TPH = p-Terphenyl-d14 (Surr)  
 TBP = 2,4,6-Tribromophenol (Surr)  
 FBP = 2-Fluorobiphenyl  
 2FP = 2-Fluorophenol (Surr)

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                 |                 |
|--------------------|--------------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|
|                    |                    | TBP<br>(52-132)                                | FBP<br>(48-120) | 2FP<br>(20-120) | NBZ<br>(46-120) | PHL<br>(16-120) | TPH<br>(67-150) |
| 480-55387-30       | FB033              | 104  | 86              | 56              | 83              | 46              | 118             |
| LCS 480-168313/2-A | Lab Control Sample | 126  | 95              | 75              | 94              | 61              | 115             |
| MB 480-168313/1-A  | Method Blank       | 96   | 87              | 54              | 81              | 42              | 111             |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)  
 FBP = 2-Fluorobiphenyl  
 2FP = 2-Fluorophenol (Surr)  
 NBZ = Nitrobenzene-d5 (Surr)  
 PHL = Phenol-d5 (Surr)  
 TPH = p-Terphenyl-d14 (Surr)

## Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |
|------------------|--------------------|--|------------------|
|                  |                    | DCB2<br>(32-136)                               | TCX2<br>(30-124) |
| 480-55387-1      | LT-T-001-0-2       | 0 X  | 0 X              |
| 480-55387-2      | LT-T-001-8-10      | 100  | 70               |
| 480-55387-3      | LT-T-001-10-12     | 0 X  | 0 X              |
| 480-55387-4      | LT-T-002-0-2       | 0 X  | 0 X              |
| 480-55387-5      | LT-T-002-2-4       | 0 X  | 0 X              |
| 480-55387-6      | LT-T-002-12-14     | 97   | 77               |
| 480-55387-7      | LT-T-004-0-2       | 0 X  | 0 X              |
| 480-55387-8      | LT-T-004-4-6       | 0 X  | 0 X              |
| 480-55387-9      | LT-T-004-10-12     | 0 X  | 0 X              |
| 480-55387-9 MS   | LT-T-004-10-12 MS  | 0 X  | 0 X              |
| 480-55387-9 MSD  | LT-T-004-10-12 MSD | 0 X  | 0 X              |
| 480-55387-10     | LT-T-003-0-2       | 0 X  | 0 X              |
| 480-55387-11     | LT-T-003-6-8       | 0 X  | 0 X              |
| 480-55387-12     | LT-T-003-10-12     | 0 X  | 0 X              |
| 480-55387-13     | LT-T-007-0-2       | 0 X  | 0 X              |
| 480-55387-14     | LT-T-007-6-8       | 0 X  | 0 X              |
| 480-55387-15     | LT-T-007-14-16     | 0 X  | 0 X              |
| 480-55387-16     | LT-T-005-0-2       | 0 X  | 0 X              |
| 480-55387-17     | LT-T-005-4-6       | 0 X  | 0 X              |
| 480-55387-18     | LT-T-005-16-19     | 0 X  | 0 X              |
| 480-55387-19     | LT-T-006-0-2       | 0 X  | 0 X              |
| 480-55387-20     | LT-T-006-4-6       | 0 X  | 0 X              |
| 480-55387-20 MS  | LT-T-006-4-6 MS    | 0 X  | 0 X              |
| 480-55387-20 MSD | LT-T-006-4-6 MSD   | 0 X  | 0 X              |
| 480-55387-21     | LT-T-006-12-14     | 0 X  | 0 X              |
| 480-55387-22     | LT-T-008-0-2       | 0 X  | 0 X              |

TestAmerica Buffalo

## Surrogate Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |
|--------------------|--------------------|--|------------------|
|                    |                    | DCB2<br>(32-136)                               | TCX2<br>(30-124) |
| 480-55387-23       | LT-T-008-6-8       | 0 X  | 0 X              |
| 480-55387-24       | LT-T-008-14-16     | 0 X  | 0 X              |
| 480-55387-25       | DUP035             | 96   | 77               |
| 480-55387-26       | DUP036             | 0 X  | 0 X              |
| 480-55387-27       | LT-T-012-0-2       | 0 X  | 0 X              |
| 480-55387-28       | LT-T-012-2-4       | 86   | 64               |
| 480-55387-29       | LT-T-012-4-6       | 0 X  | 0 X              |
| 480-55387-31       | LT-T-010-0-2       | 0 X  | 0 X              |
| 480-55387-32       | LT-T-010-2-4       | 0 X  | 0 X              |
| 480-55387-33       | LT-T-010-7-8.5     | 91   | 78               |
| 480-55387-34       | LT-T-011-0-2       | 0 X  | 0 X              |
| 480-55387-35       | LT-T-011-2-4       | 0 X  | 0 X              |
| 480-55387-36       | LT-T-011-6.5-8     | 98   | 79               |
| 480-55387-37       | LT-T-009-0-2       | 0 X  | 0 X              |
| 480-55387-38       | LT-T-009-4-6       | 0 X  | 0 X              |
| 480-55387-39       | LT-T-009-12-14     | 99   | 83               |
| LCS 480-168593/2-A | Lab Control Sample | 100  | 87               |
| LCS 480-168598/2-A | Lab Control Sample | 91   | 80               |
| LCS 480-168815/2-A | Lab Control Sample | 92   | 74               |
| LCS 480-168818/2-A | Lab Control Sample | 94   | 73               |
| MB 480-168593/1-A  | Method Blank       | 100  | 85               |
| MB 480-168598/1-A  | Method Blank       | 95   | 82               |
| MB 480-168815/1-A  | Method Blank       | 88   | 74               |
| MB 480-168818/1-A  | Method Blank       | 100  | 79               |

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

### Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |
|--------------------|--------------------|--|------------------|
|                    |                    | DCB2<br>(20-120)                               | TCX2<br>(36-120) |
| 480-55387-30       | FB033              | 96   | 77               |
| LCS 480-168567/2-A | Lab Control Sample | 44   | 85               |
| MB 480-168567/1-A  | Method Blank       | 60   | 92               |

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-168183/8**

**Matrix: Solid**

**Analysis Batch: 168183**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

| Analyte                               | MB     | MB        | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
|                                       | Result | Qualifier |     |      |       |   |          |                |         |
| 1,1,1-Trichloroethane                 | 5.0    | U         | 5.0 | 0.36 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,1,2,2-Tetrachloroethane             | 5.0    | U         | 5.0 | 0.81 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0    | U         | 5.0 | 1.1  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,1,2-Trichloroethane                 | 5.0    | U         | 5.0 | 0.65 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,1-Dichloroethane                    | 5.0    | U         | 5.0 | 0.61 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,1-Dichloroethene                    | 5.0    | U         | 5.0 | 0.61 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2,4-Trichlorobenzene                | 5.0    | U         | 5.0 | 0.30 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2,4-Trimethylbenzene                | 5.0    | U         | 5.0 | 0.96 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2-Dibromoethane                     | 5.0    | U         | 5.0 | 0.64 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2-Dichlorobenzene                   | 5.0    | U         | 5.0 | 0.39 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2-Dichloroethane                    | 5.0    | U         | 5.0 | 0.25 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,2-Dichloropropane                   | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,3,5-Trimethylbenzene                | 5.0    | U         | 5.0 | 0.32 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,3-Dichlorobenzene                   | 5.0    | U         | 5.0 | 0.26 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,4-Dichlorobenzene                   | 5.0    | U         | 5.0 | 0.70 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 1,4-Dioxane                           | 200    | U         | 200 | 24   | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 2-Butanone (MEK)                      | 25     | U         | 25  | 1.8  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 2-Hexanone                            | 25     | U         | 25  | 2.5  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 25     | U         | 25  | 1.6  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Acetone                               | 25     | U         | 25  | 4.2  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Benzene                               | 5.0    | U         | 5.0 | 0.25 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Bromodichloromethane                  | 5.0    | U         | 5.0 | 0.67 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Bromoform                             | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Bromomethane                          | 5.0    | U         | 5.0 | 0.45 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Carbon disulfide                      | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Carbon tetrachloride                  | 5.0    | U         | 5.0 | 0.48 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Chlorobenzene                         | 5.0    | U         | 5.0 | 0.66 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Chloroethane                          | 5.0    | U         | 5.0 | 1.1  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Chloroform                            | 5.0    | U         | 5.0 | 0.31 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Chloromethane                         | 5.0    | U         | 5.0 | 0.30 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| cis-1,2-Dichloroethene                | 5.0    | U         | 5.0 | 0.64 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| cis-1,3-Dichloropropene               | 5.0    | U         | 5.0 | 0.72 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Cyclohexane                           | 5.0    | U         | 5.0 | 0.70 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Dibromochloromethane                  | 5.0    | U         | 5.0 | 0.64 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Dichlorodifluoromethane               | 5.0    | U         | 5.0 | 0.41 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Ethylbenzene                          | 5.0    | U         | 5.0 | 0.35 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Isopropylbenzene                      | 5.0    | U         | 5.0 | 0.75 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Methyl acetate                        | 5.0    | U         | 5.0 | 0.93 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Methyl tert-butyl ether               | 5.0    | U         | 5.0 | 0.49 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Methylcyclohexane                     | 5.0    | U         | 5.0 | 0.76 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Methylene Chloride                    | 5.0    | U         | 5.0 | 2.3  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| n-Butylbenzene                        | 5.0    | U         | 5.0 | 0.44 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| N-Propylbenzene                       | 5.0    | U         | 5.0 | 0.40 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| sec-Butylbenzene                      | 5.0    | U         | 5.0 | 0.44 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Styrene                               | 5.0    | U         | 5.0 | 0.25 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| tert-Butylbenzene                     | 5.0    | U         | 5.0 | 0.52 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Tetrachloroethene                     | 5.0    | U         | 5.0 | 0.67 | ug/Kg |   |          | 03/03/14 00:47 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-168183/8**

**Matrix: Solid**

**Analysis Batch: 168183**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

| Analyte                      | MB        | MB        | Result    | Qualifier | RL     | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|-----------|-----------|--------|------|-------|---|----------|----------------|---------|
|                              | Result    | Qualifier |           |           |        |      |       |   |          |                |         |
| Toluene                      | 5.0       | U         | 5.0       |           | 5.0    | 0.38 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| trans-1,2-Dichloroethene     | 5.0       | U         | 5.0       |           | 5.0    | 0.52 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| trans-1,3-Dichloropropene    | 5.0       | U         | 5.0       |           | 5.0    | 2.2  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Trichloroethene              | 5.0       | U         | 5.0       |           | 5.0    | 1.1  | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Trichlorofluoromethane       | 5.0       | U         | 5.0       |           | 5.0    | 0.47 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Vinyl chloride               | 5.0       | U         | 5.0       |           | 5.0    | 0.61 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Xylenes, Total               | 10        | U         |           |           | 10     | 0.84 | ug/Kg |   |          | 03/03/14 00:47 | 1       |
| Surrogate                    | MB        | MB        | %Recovery | Qualifier | Limits |      |       | D | Prepared | Analyzed       | Dil Fac |
|                              | %Recovery | Qualifier |           |           |        |      |       |   |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 64 - 126  |           |        |      |       |   |          | 03/03/14 00:47 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 72 - 126  |           |        |      |       |   |          | 03/03/14 00:47 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 71 - 125  |           |        |      |       |   |          | 03/03/14 00:47 | 1       |

**Lab Sample ID: LCS 480-168183/6**

**Matrix: Solid**

**Analysis Batch: 168183**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

| Analyte                      | Spikes    | LCS       | LCS       | Result    | Qualifier | Unit | D   | %Rec     | Limits |  |
|------------------------------|-----------|-----------|-----------|-----------|-----------|------|-----|----------|--------|--|
|                              | Added     | Result    | Qualifier |           |           |      |     |          |        |  |
| 1,1-Dichloroethane           | 50.0      | 54.9      |           | ug/Kg     |           |      | 110 | 73 - 126 |        |  |
| 1,1-Dichloroethene           | 50.0      | 53.0      |           | ug/Kg     |           |      | 106 | 59 - 125 |        |  |
| 1,2,4-Trimethylbenzene       | 50.0      | 47.5      |           | ug/Kg     |           |      | 95  | 74 - 120 |        |  |
| 1,2-Dichlorobenzene          | 50.0      | 46.5      |           | ug/Kg     |           |      | 93  | 75 - 120 |        |  |
| 1,2-Dichloroethane           | 50.0      | 51.5      |           | ug/Kg     |           |      | 103 | 77 - 122 |        |  |
| Benzene                      | 50.0      | 52.9      |           | ug/Kg     |           |      | 106 | 79 - 127 |        |  |
| Chlorobenzene                | 50.0      | 47.7      |           | ug/Kg     |           |      | 95  | 76 - 124 |        |  |
| cis-1,2-Dichloroethene       | 50.0      | 53.2      |           | ug/Kg     |           |      | 106 | 81 - 117 |        |  |
| Ethylbenzene                 | 50.0      | 48.0      |           | ug/Kg     |           |      | 96  | 80 - 120 |        |  |
| Methyl tert-butyl ether      | 50.0      | 53.4      |           | ug/Kg     |           |      | 107 | 63 - 125 |        |  |
| Tetrachloroethene            | 50.0      | 46.6      |           | ug/Kg     |           |      | 93  | 74 - 122 |        |  |
| Toluene                      | 50.0      | 46.4      |           | ug/Kg     |           |      | 93  | 74 - 128 |        |  |
| trans-1,2-Dichloroethene     | 50.0      | 53.6      |           | ug/Kg     |           |      | 107 | 78 - 126 |        |  |
| Trichloroethene              | 50.0      | 53.8      |           | ug/Kg     |           |      | 108 | 77 - 129 |        |  |
| Surrogate                    | LCS       | LCS       | %Recovery | Qualifier | Limits    |      |     | D        | %Rec.  |  |
|                              | %Recovery | Qualifier |           |           |           |      |     |          |        |  |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 64 - 126  |           |           |      |     |          |        |  |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 72 - 126  |           |           |      |     |          |        |  |
| Toluene-d8 (Surr)            | 103       |           | 71 - 125  |           |           |      |     |          |        |  |

**Lab Sample ID: LCSD 480-168183/7**

**Matrix: Solid**

**Analysis Batch: 168183**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

| Analyte                | Spike | LCSD   | LCSD      | Result | Qualifier | Unit | D   | %Rec     | Limits | RPD | Limit |
|------------------------|-------|--------|-----------|--------|-----------|------|-----|----------|--------|-----|-------|
|                        | Added | Result | Qualifier |        |           |      |     |          |        |     |       |
| 1,1-Dichloroethane     | 50.0  | 55.2   |           | ug/Kg  |           |      | 110 | 73 - 126 |        | 1   | 20    |
| 1,1-Dichloroethene     | 50.0  | 52.6   |           | ug/Kg  |           |      | 105 | 59 - 125 |        | 1   | 20    |
| 1,2,4-Trimethylbenzene | 50.0  | 47.6   |           | ug/Kg  |           |      | 95  | 74 - 120 |        | 0   | 20    |
| 1,2-Dichlorobenzene    | 50.0  | 46.8   |           | ug/Kg  |           |      | 94  | 75 - 120 |        | 1   | 20    |
| 1,2-Dichloroethane     | 50.0  | 51.7   |           | ug/Kg  |           |      | 103 | 77 - 122 |        | 0   | 20    |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 480-168183/7**

**Matrix: Solid**

**Analysis Batch: 168183**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

| Analyte                  | Spike | LCSD   | LCSD      | Unit  | D | %Rec | Limits   | RPD | RPD | Limit |
|--------------------------|-------|--------|-----------|-------|---|------|----------|-----|-----|-------|
|                          | Added | Result | Qualifier |       |   |      |          |     |     |       |
| Benzene                  | 50.0  | 52.9   |           | ug/Kg |   | 106  | 79 - 127 | 0   | 20  |       |
| Chlorobenzene            | 50.0  | 48.2   |           | ug/Kg |   | 96   | 76 - 124 | 1   | 20  |       |
| cis-1,2-Dichloroethene   | 50.0  | 54.0   |           | ug/Kg |   | 108  | 81 - 117 | 1   | 20  |       |
| Ethylbenzene             | 50.0  | 47.7   |           | ug/Kg |   | 95   | 80 - 120 | 1   | 20  |       |
| Methyl tert-butyl ether  | 50.0  | 53.6   |           | ug/Kg |   | 107  | 63 - 125 | 0   | 20  |       |
| Tetrachloroethene        | 50.0  | 46.1   |           | ug/Kg |   | 92   | 74 - 122 | 1   | 20  |       |
| Toluene                  | 50.0  | 46.4   |           | ug/Kg |   | 93   | 74 - 128 | 0   | 20  |       |
| trans-1,2-Dichloroethene | 50.0  | 53.7   |           | ug/Kg |   | 107  | 78 - 126 | 0   | 20  |       |
| Trichloroethene          | 50.0  | 53.1   |           | ug/Kg |   | 106  | 77 - 129 | 1   | 20  |       |

| Surrogate                    | LCSD      | LCSD      | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 64 - 126 |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 72 - 126 |
| Toluene-d8 (Surr)            | 104       |           | 71 - 125 |

**Lab Sample ID: MB 480-168185/6**

**Matrix: Water**

**Analysis Batch: 168185**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                               | MB     | MB        | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
|                                       | Result | Qualifier |     |      |      |   |          |                |         |
| 1,1,1-Trichloroethane                 | 1.0    | U         | 1.0 | 0.82 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,1,2,2-Tetrachloroethane             | 1.0    | U         | 1.0 | 0.21 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0    | U         | 1.0 | 0.31 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,1,2-Trichloroethane                 | 1.0    | U         | 1.0 | 0.23 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,1-Dichloroethane                    | 1.0    | U         | 1.0 | 0.38 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,1-Dichloroethene                    | 1.0    | U         | 1.0 | 0.29 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2,4-Trichlorobenzene                | 1.0    | U         | 1.0 | 0.41 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2,4-Trimethylbenzene                | 1.0    | U         | 1.0 | 0.75 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2-Dibromo-3-Chloropropane           | 1.0    | U         | 1.0 | 0.39 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2-Dibromoethane                     | 1.0    | U         | 1.0 | 0.73 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2-Dichlorobenzene                   | 1.0    | U         | 1.0 | 0.79 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2-Dichloroethane                    | 1.0    | U         | 1.0 | 0.21 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,2-Dichloropropane                   | 1.0    | U         | 1.0 | 0.72 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,3,5-Trimethylbenzene                | 1.0    | U         | 1.0 | 0.77 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,3-Dichlorobenzene                   | 1.0    | U         | 1.0 | 0.78 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,4-Dichlorobenzene                   | 1.0    | U         | 1.0 | 0.84 | ug/L |   |          | 03/02/14 23:44 | 1       |
| 1,4-Dioxane                           | 40     | U         | 40  | 9.3  | ug/L |   |          | 03/02/14 23:44 | 1       |
| 2-Butanone (MEK)                      | 10     | U         | 10  | 1.3  | ug/L |   |          | 03/02/14 23:44 | 1       |
| 2-Hexanone                            | 5.0    | U         | 5.0 | 1.2  | ug/L |   |          | 03/02/14 23:44 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 5.0    | U         | 5.0 | 2.1  | ug/L |   |          | 03/02/14 23:44 | 1       |
| Acetone                               | 10     | U         | 10  | 3.0  | ug/L |   |          | 03/02/14 23:44 | 1       |
| Benzene                               | 1.0    | U         | 1.0 | 0.41 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Bromodichloromethane                  | 1.0    | U         | 1.0 | 0.39 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Bromoform                             | 1.0    | U         | 1.0 | 0.26 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Bromomethane                          | 1.0    | U         | 1.0 | 0.69 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Carbon disulfide                      | 1.0    | U         | 1.0 | 0.19 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Carbon tetrachloride                  | 1.0    | U         | 1.0 | 0.27 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Chlorobenzene                         | 1.0    | U         | 1.0 | 0.75 | ug/L |   |          | 03/02/14 23:44 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-168185/6**

**Matrix: Water**

**Analysis Batch: 168185**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                   | MB     |           | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
|                           | Result | Qualifier |     |      |      |   |          |                |         |
| Chloroethane              | 1.0    | U         | 1.0 | 0.32 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Chloroform                | 1.0    | U         | 1.0 | 0.34 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Chloromethane             | 1.0    | U         | 1.0 | 0.35 | ug/L |   |          | 03/02/14 23:44 | 1       |
| cis-1,2-Dichloroethene    | 1.0    | U         | 1.0 | 0.81 | ug/L |   |          | 03/02/14 23:44 | 1       |
| cis-1,3-Dichloropropene   | 1.0    | U         | 1.0 | 0.36 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Cyclohexane               | 1.0    | U         | 1.0 | 0.18 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Dibromochloromethane      | 1.0    | U         | 1.0 | 0.32 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Dichlorodifluoromethane   | 1.0    | U         | 1.0 | 0.68 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Ethylbenzene              | 1.0    | U         | 1.0 | 0.74 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Isopropylbenzene          | 1.0    | U         | 1.0 | 0.79 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Methyl acetate            | 2.5    | U         | 2.5 | 0.50 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Methyl tert-butyl ether   | 1.0    | U         | 1.0 | 0.16 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Methylcyclohexane         | 1.0    | U         | 1.0 | 0.16 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Methylene Chloride        | 1.0    | U         | 1.0 | 0.44 | ug/L |   |          | 03/02/14 23:44 | 1       |
| n-Butylbenzene            | 1.0    | U         | 1.0 | 0.64 | ug/L |   |          | 03/02/14 23:44 | 1       |
| N-Propylbenzene           | 1.0    | U         | 1.0 | 0.69 | ug/L |   |          | 03/02/14 23:44 | 1       |
| sec-Butylbenzene          | 1.0    | U         | 1.0 | 0.75 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Styrene                   | 1.0    | U         | 1.0 | 0.73 | ug/L |   |          | 03/02/14 23:44 | 1       |
| tert-Butylbenzene         | 1.0    | U         | 1.0 | 0.81 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Tetrachloroethene         | 1.0    | U         | 1.0 | 0.36 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Toluene                   | 1.0    | U         | 1.0 | 0.51 | ug/L |   |          | 03/02/14 23:44 | 1       |
| trans-1,2-Dichloroethene  | 1.0    | U         | 1.0 | 0.90 | ug/L |   |          | 03/02/14 23:44 | 1       |
| trans-1,3-Dichloropropene | 1.0    | U         | 1.0 | 0.37 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Trichloroethene           | 1.0    | U         | 1.0 | 0.46 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Trichlorofluoromethane    | 1.0    | U         | 1.0 | 0.88 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Vinyl chloride            | 1.0    | U         | 1.0 | 0.90 | ug/L |   |          | 03/02/14 23:44 | 1       |
| Xylenes, Total            | 2.0    | U         | 2.0 | 0.66 | ug/L |   |          | 03/02/14 23:44 | 1       |

**MB MB**

| Surrogate                    | MB        |           | Limits   | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------|---------|
|                              | %Recovery | Qualifier |          |          |          |         |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 66 - 137 |          |          | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 73 - 120 |          |          | 1       |
| Toluene-d8 (Surr)            | 100       |           | 71 - 126 |          |          | 1       |

**Lab Sample ID: LCS 480-168185/5**

**Matrix: Water**

**Analysis Batch: 168185**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte                 | Spike |        | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits   | %Rec. |
|-------------------------|-------|--------|------------|---------------|------|---|------|----------|-------|
|                         | Added | Result |            |               |      |   |      |          |       |
| 1,1-Dichloroethane      | 25.0  | 23.1   |            |               | ug/L |   | 93   | 71 - 129 |       |
| 1,1-Dichloroethene      | 25.0  | 22.8   |            |               | ug/L |   | 91   | 58 - 121 |       |
| 1,2,4-Trimethylbenzene  | 25.0  | 25.0   |            |               | ug/L |   | 100  | 76 - 121 |       |
| 1,2-Dichlorobenzene     | 25.0  | 24.2   |            |               | ug/L |   | 97   | 80 - 124 |       |
| 1,2-Dichloroethane      | 25.0  | 23.5   |            |               | ug/L |   | 94   | 75 - 127 |       |
| Benzene                 | 25.0  | 24.3   |            |               | ug/L |   | 97   | 71 - 124 |       |
| Chlorobenzene           | 25.0  | 24.6   |            |               | ug/L |   | 99   | 72 - 120 |       |
| cis-1,2-Dichloroethene  | 25.0  | 23.5   |            |               | ug/L |   | 94   | 74 - 124 |       |
| Ethylbenzene            | 25.0  | 24.1   |            |               | ug/L |   | 97   | 77 - 123 |       |
| Methyl tert-butyl ether | 25.0  | 23.1   |            |               | ug/L |   | 92   | 64 - 127 |       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-168185/5**

**Matrix: Water**

**Analysis Batch: 168185**

| Analyte                  |  | Spike | LCS    | LCS       | Unit | D | %Rec | %Rec.    |
|--------------------------|--|-------|--------|-----------|------|---|------|----------|
|                          |  | Added | Result | Qualifier |      |   |      |          |
| Tetrachloroethene        |  | 25.0  | 24.3   |           | ug/L |   | 97   | 74 - 122 |
| Toluene                  |  | 25.0  | 24.5   |           | ug/L |   | 98   | 80 - 122 |
| trans-1,2-Dichloroethene |  | 25.0  | 23.1   |           | ug/L |   | 93   | 73 - 127 |
| Trichloroethene          |  | 25.0  | 24.6   |           | ug/L |   | 99   | 74 - 123 |

| Surrogate                    | LCS       |           | LCS      | Limits |
|------------------------------|-----------|-----------|----------|--------|
|                              | %Recovery | Qualifier |          |        |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 66 - 137 |        |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 73 - 120 |        |
| Toluene-d8 (Surr)            | 100       |           | 71 - 126 |        |

**Lab Sample ID: MB 480-168268/7**

**Matrix: Solid**

**Analysis Batch: 168268**

| Analyte                               | MB     | MB        | RL  | MDL  | Unit  | D | Prepared       | Analyzed | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|-------|---|----------------|----------|---------|
|                                       | Result | Qualifier |     |      |       |   |                |          |         |
| 1,1,1-Trichloroethane                 | 5.0    | U         | 5.0 | 0.36 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,1,2,2-Tetrachloroethane             | 5.0    | U         | 5.0 | 0.81 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5.0    | U         | 5.0 | 1.1  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,1,2-Trichloroethane                 | 5.0    | U         | 5.0 | 0.65 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,1-Dichloroethane                    | 5.0    | U         | 5.0 | 0.61 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,1-Dichloroethene                    | 5.0    | U         | 5.0 | 0.61 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2,4-Trichlorobenzene                | 5.0    | U         | 5.0 | 0.30 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2,4-Trimethylbenzene                | 5.0    | U         | 5.0 | 0.96 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2-Dibromo-3-Chloropropane           | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2-Dibromoethane                     | 5.0    | U         | 5.0 | 0.64 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2-Dichlorobenzene                   | 5.0    | U         | 5.0 | 0.39 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2-Dichloroethane                    | 5.0    | U         | 5.0 | 0.25 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,2-Dichloropropane                   | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,3,5-Trimethylbenzene                | 5.0    | U         | 5.0 | 0.32 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,3-Dichlorobenzene                   | 5.0    | U         | 5.0 | 0.26 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,4-Dichlorobenzene                   | 5.0    | U         | 5.0 | 0.70 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 1,4-Dioxane                           | 200    | U         | 200 | 24   | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 2-Butanone (MEK)                      | 25     | U         | 25  | 1.8  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 2-Hexanone                            | 25     | U         | 25  | 2.5  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| 4-Methyl-2-pentanone (MIBK)           | 25     | U         | 25  | 1.6  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Acetone                               | 25     | U         | 25  | 4.2  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Benzene                               | 5.0    | U         | 5.0 | 0.25 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Bromodichloromethane                  | 5.0    | U         | 5.0 | 0.67 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Bromoform                             | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Bromomethane                          | 5.0    | U         | 5.0 | 0.45 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Carbon disulfide                      | 5.0    | U         | 5.0 | 2.5  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Carbon tetrachloride                  | 5.0    | U         | 5.0 | 0.48 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Chlorobenzene                         | 5.0    | U         | 5.0 | 0.66 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Chloroethane                          | 5.0    | U         | 5.0 | 1.1  | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Chloroform                            | 5.0    | U         | 5.0 | 0.31 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| Chloromethane                         | 5.0    | U         | 5.0 | 0.30 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| cis-1,2-Dichloroethene                | 5.0    | U         | 5.0 | 0.64 | ug/Kg |   | 03/03/14 14:09 |          | 1       |
| cis-1,3-Dichloropropene               | 5.0    | U         | 5.0 | 0.72 | ug/Kg |   | 03/03/14 14:09 |          | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-168268/7**

**Matrix: Solid**

**Analysis Batch: 168268**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

| Analyte                   | MB     | MB        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
|                           | Result | Qualifier |        |           |     |      |       |   |          |                |         |
| Cyclohexane               | 5.0    | U         | 5.0    |           | 5.0 | 0.70 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Dibromochloromethane      | 5.0    | U         | 5.0    |           | 5.0 | 0.64 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Dichlorodifluoromethane   | 5.0    | U         | 5.0    |           | 5.0 | 0.41 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Ethylbenzene              | 5.0    | U         | 5.0    |           | 5.0 | 0.35 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Isopropylbenzene          | 5.0    | U         | 5.0    |           | 5.0 | 0.75 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Methyl acetate            | 5.0    | U         | 5.0    |           | 5.0 | 0.93 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Methyl tert-butyl ether   | 5.0    | U         | 5.0    |           | 5.0 | 0.49 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Methylcyclohexane         | 5.0    | U         | 5.0    |           | 5.0 | 0.76 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Methylene Chloride        | 5.0    | U         | 5.0    |           | 5.0 | 2.3  | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| n-Butylbenzene            | 5.0    | U         | 5.0    |           | 5.0 | 0.44 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| N-Propylbenzene           | 5.0    | U         | 5.0    |           | 5.0 | 0.40 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| sec-Butylbenzene          | 5.0    | U         | 5.0    |           | 5.0 | 0.44 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Styrene                   | 5.0    | U         | 5.0    |           | 5.0 | 0.25 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| tert-Butylbenzene         | 5.0    | U         | 5.0    |           | 5.0 | 0.52 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Tetrachloroethene         | 5.0    | U         | 5.0    |           | 5.0 | 0.67 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Toluene                   | 5.0    | U         | 5.0    |           | 5.0 | 0.38 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| trans-1,2-Dichloroethene  | 5.0    | U         | 5.0    |           | 5.0 | 0.52 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| trans-1,3-Dichloropropene | 5.0    | U         | 5.0    |           | 5.0 | 2.2  | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Trichloroethene           | 5.0    | U         | 5.0    |           | 5.0 | 1.1  | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Trichlorofluoromethane    | 5.0    | U         | 5.0    |           | 5.0 | 0.47 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Vinyl chloride            | 5.0    | U         | 5.0    |           | 5.0 | 0.61 | ug/Kg |   |          | 03/03/14 14:09 | 1       |
| Xylenes, Total            | 10     | U         |        |           | 10  | 0.84 | ug/Kg |   |          | 03/03/14 14:09 | 1       |

**MB MB**

| Surrogate                    | MB     | MB        | %Recovery | Qualifier | Limits | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-----------|-----------|--------|----------|----------------|---------|
|                              | Result | Qualifier |           |           |        |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 99     |           | 64 - 126  |           |        |          | 03/03/14 14:09 | 1       |
| 4-Bromofluorobenzene (Surr)  | 87     |           | 72 - 126  |           |        |          | 03/03/14 14:09 | 1       |
| Toluene-d8 (Surr)            | 93     |           | 71 - 125  |           |        |          | 03/03/14 14:09 | 1       |

**Lab Sample ID: LCS 480-168268/6**

**Matrix: Solid**

**Analysis Batch: 168268**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Analyte                  | Spike<br>Added | LCS    |           | Unit  | D | %Rec | Limits   |
|--------------------------|----------------|--------|-----------|-------|---|------|----------|
|                          |                | Result | Qualifier |       |   |      |          |
| 1,1-Dichloroethane       | 50.0           | 47.5   |           | ug/Kg |   | 95   | 73 - 126 |
| 1,1-Dichloroethene       | 50.0           | 45.1   |           | ug/Kg |   | 90   | 59 - 125 |
| 1,2,4-Trimethylbenzene   | 50.0           | 47.7   |           | ug/Kg |   | 95   | 74 - 120 |
| 1,2-Dichlorobenzene      | 50.0           | 46.8   |           | ug/Kg |   | 94   | 75 - 120 |
| 1,2-Dichloroethane       | 50.0           | 50.6   |           | ug/Kg |   | 101  | 77 - 122 |
| Benzene                  | 50.0           | 45.9   |           | ug/Kg |   | 92   | 79 - 127 |
| Chlorobenzene            | 50.0           | 45.4   |           | ug/Kg |   | 91   | 76 - 124 |
| cis-1,2-Dichloroethene   | 50.0           | 47.4   |           | ug/Kg |   | 95   | 81 - 117 |
| Ethylbenzene             | 50.0           | 45.0   |           | ug/Kg |   | 90   | 80 - 120 |
| Methyl tert-butyl ether  | 50.0           | 50.8   |           | ug/Kg |   | 102  | 63 - 125 |
| Tetrachloroethene        | 50.0           | 43.0   |           | ug/Kg |   | 86   | 74 - 122 |
| Toluene                  | 50.0           | 43.1   |           | ug/Kg |   | 86   | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0           | 46.4   |           | ug/Kg |   | 93   | 78 - 126 |
| Trichloroethene          | 50.0           | 47.0   |           | ug/Kg |   | 94   | 77 - 129 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-168268/6**

**Matrix: Solid**

**Analysis Batch: 168268**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103              |                  | 64 - 126 |
| 4-Bromofluorobenzene (Surr)  | 90               |                  | 72 - 126 |
| Toluene-d8 (Surr)            | 92               |                  | 71 - 125 |

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 168268**

**Client Sample ID: LT-T-004-10-12 MS**  
**Prep Type: Total/NA**  
**Prep Batch: 168272**

| Analyte                  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | Limits   | %Rec. |
|--------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------|-------|
|                          |                  |                     |                |              |                 |       |   |      |          |       |
| 1,1-Dichloroethane       | 4.9              | U                   | 51.2           | 42.1         |                 | ug/Kg | ⊗ | 82   | 73 - 126 |       |
| 1,1-Dichloroethene       | 4.9              | U                   | 51.2           | 29.2         | F1              | ug/Kg | ⊗ | 57   | 59 - 125 |       |
| 1,2,4-Trimethylbenzene   | 4.9              | U                   | 51.2           | 37.8         |                 | ug/Kg | ⊗ | 74   | 74 - 120 |       |
| 1,2-Dichlorobenzene      | 4.9              | U                   | 51.2           | 36.4         | F1              | ug/Kg | ⊗ | 71   | 75 - 120 |       |
| 1,2-Dichloroethane       | 4.9              | U                   | 51.2           | 46.0         |                 | ug/Kg | ⊗ | 90   | 77 - 122 |       |
| Benzene                  | 4.9              | U                   | 51.2           | 39.9         | F1              | ug/Kg | ⊗ | 78   | 79 - 127 |       |
| Chlorobenzene            | 4.9              | U                   | 51.2           | 39.6         |                 | ug/Kg | ⊗ | 77   | 76 - 124 |       |
| cis-1,2-Dichloroethene   | 4.9              | U                   | 51.2           | 43.1         |                 | ug/Kg | ⊗ | 84   | 81 - 117 |       |
| Ethylbenzene             | 4.9              | U                   | 51.2           | 35.6         | F1              | ug/Kg | ⊗ | 70   | 80 - 120 |       |
| Methyl tert-butyl ether  | 4.9              | U                   | 51.2           | 45.2         |                 | ug/Kg | ⊗ | 88   | 63 - 125 |       |
| Tetrachloroethene        | 4.9              | U                   | 51.2           | 29.3         | F1              | ug/Kg | ⊗ | 57   | 74 - 122 |       |
| Toluene                  | 4.9              | U                   | 51.2           | 37.0         | F1              | ug/Kg | ⊗ | 72   | 74 - 128 |       |
| trans-1,2-Dichloroethene | 4.9              | U                   | 51.2           | 37.7         | F1              | ug/Kg | ⊗ | 74   | 78 - 126 |       |
| Trichloroethene          | 4.9              | U                   | 51.2           | 36.9         | F1              | ug/Kg | ⊗ | 72   | 77 - 129 |       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95               |                  | 64 - 126 |
| 4-Bromofluorobenzene (Surr)  | 88               |                  | 72 - 126 |
| Toluene-d8 (Surr)            | 94               |                  | 71 - 125 |

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168268**

**Client Sample ID: LT-T-004-10-12 MSD**  
**Prep Type: Total/NA**  
**Prep Batch: 168272**

| Analyte                  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
|--------------------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------|-----|-------|
|                          |                  |                     |                |               |                  |       |   |      |          |     |       |
| 1,1-Dichloroethane       | 4.9              | U                   | 47.3           | 36.7          |                  | ug/Kg | ⊗ | 78   | 73 - 126 | 14  | 30    |
| 1,1-Dichloroethene       | 4.9              | U                   | 47.3           | 25.5          | F1               | ug/Kg | ⊗ | 54   | 59 - 125 | 14  | 30    |
| 1,2,4-Trimethylbenzene   | 4.9              | U                   | 47.3           | 36.5          |                  | ug/Kg | ⊗ | 77   | 74 - 120 | 4   | 30    |
| 1,2-Dichlorobenzene      | 4.9              | U                   | 47.3           | 35.8          |                  | ug/Kg | ⊗ | 76   | 75 - 120 | 2   | 30    |
| 1,2-Dichloroethane       | 4.9              | U                   | 47.3           | 41.1          |                  | ug/Kg | ⊗ | 87   | 77 - 122 | 11  | 30    |
| Benzene                  | 4.9              | U                   | 47.3           | 35.0          | F1               | ug/Kg | ⊗ | 74   | 79 - 127 | 13  | 30    |
| Chlorobenzene            | 4.9              | U                   | 47.3           | 36.8          |                  | ug/Kg | ⊗ | 78   | 76 - 124 | 7   | 30    |
| cis-1,2-Dichloroethene   | 4.9              | U                   | 47.3           | 37.5          | F1               | ug/Kg | ⊗ | 79   | 81 - 117 | 14  | 30    |
| Ethylbenzene             | 4.9              | U                   | 47.3           | 33.5          | F1               | ug/Kg | ⊗ | 71   | 80 - 120 | 6   | 30    |
| Methyl tert-butyl ether  | 4.9              | U                   | 47.3           | 40.0          |                  | ug/Kg | ⊗ | 85   | 63 - 125 | 12  | 30    |
| Tetrachloroethene        | 4.9              | U                   | 47.3           | 27.3          | F1               | ug/Kg | ⊗ | 58   | 74 - 122 | 7   | 30    |
| Toluene                  | 4.9              | U                   | 47.3           | 33.7          | F1               | ug/Kg | ⊗ | 71   | 74 - 128 | 9   | 30    |
| trans-1,2-Dichloroethene | 4.9              | U                   | 47.3           | 32.5          | F1               | ug/Kg | ⊗ | 69   | 78 - 126 | 15  | 30    |
| Trichloroethene          | 4.9              | U                   | 47.3           | 32.8          | F1               | ug/Kg | ⊗ | 69   | 77 - 129 | 12  | 30    |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168268**

**Client Sample ID: LT-T-004-10-12 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168272**

| Surrogate                    | MSD       | MSD       | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 64 - 126 |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 72 - 126 |
| Toluene-d8 (Surr)            | 94        |           | 71 - 125 |

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 480-168313/1-A**

**Matrix: Water**

**Analysis Batch: 168360**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168313**

| Analyte                       | MB     | MB        | RL  | MDL  | Unit | D              | Prepared       | Analyzed | Dil Fac |
|-------------------------------|--------|-----------|-----|------|------|----------------|----------------|----------|---------|
|                               | Result | Qualifier |     |      |      |                |                |          |         |
| 2,4,5-Trichlorophenol         | 5.0    | U         | 5.0 | 0.48 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2,4,6-Trichlorophenol         | 5.0    | U         | 5.0 | 0.61 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2,4-Dichlorophenol            | 5.0    | U         | 5.0 | 0.51 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2,4-Dimethylphenol            | 5.0    | U         | 5.0 | 0.50 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2,4-Dinitrophenol             | 10     | U         | 10  | 2.2  | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2,4-Dinitrotoluene            | 5.0    | U         | 5.0 | 0.45 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2,6-Dinitrotoluene            | 5.0    | U         | 5.0 | 0.40 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2-Chloronaphthalene           | 5.0    | U         | 5.0 | 0.46 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2-Chlorophenol                | 5.0    | U         | 5.0 | 0.53 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2-Methylnaphthalene           | 5.0    | U         | 5.0 | 0.60 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2-Methylphenol                | 5.0    | U         | 5.0 | 0.40 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2-Nitroaniline                | 10     | U         | 10  | 0.42 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 2-Nitrophenol                 | 5.0    | U         | 5.0 | 0.48 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 3,3'-Dichlorobenzidine        | 5.0    | U         | 5.0 | 0.40 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 3-Nitroaniline                | 10     | U         | 10  | 0.48 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4,6-Dinitro-2-methylphenol    | 10     | U         | 10  | 2.2  | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Bromophenyl phenyl ether    | 5.0    | U         | 5.0 | 0.45 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Chloro-3-methylphenol       | 5.0    | U         | 5.0 | 0.45 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Chloroaniline               | 5.0    | U         | 5.0 | 0.59 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Chlorophenyl phenyl ether   | 5.0    | U         | 5.0 | 0.35 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Methylphenol                | 10     | U         | 10  | 0.36 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Nitroaniline                | 10     | U         | 10  | 0.25 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| 4-Nitrophenol                 | 10     | U         | 10  | 1.5  | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Acenaphthene                  | 5.0    | U         | 5.0 | 0.41 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Acenaphthylene                | 5.0    | U         | 5.0 | 0.38 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Acetophenone                  | 5.0    | U         | 5.0 | 0.54 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Anthracene                    | 5.0    | U         | 5.0 | 0.28 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Atrazine                      | 5.0    | U         | 5.0 | 0.46 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Benzaldehyde                  | 0.341  | J         | 5.0 | 0.27 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Benzo[a]anthracene            | 5.0    | U         | 5.0 | 0.36 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Benzo[a]pyrene                | 5.0    | U         | 5.0 | 0.47 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Benzo[b]fluoranthene          | 5.0    | U         | 5.0 | 0.34 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Benzo[g,h,i]perylene          | 5.0    | U         | 5.0 | 0.35 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Benzo[k]fluoranthene          | 5.0    | U         | 5.0 | 0.73 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Biphenyl                      | 5.0    | U         | 5.0 | 0.65 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| bis (2-chloroisopropyl) ether | 5.0    | U         | 5.0 | 0.52 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |
| Bis(2-chloroethoxy)methane    | 5.0    | U         | 5.0 | 0.35 | ug/L | 03/03/14 14:39 | 03/04/14 05:57 | 1        | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168313/1-A**

**Matrix: Water**

**Analysis Batch: 168360**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168313**

| Analyte                     | MB     | MB        | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
|                             | Result | Qualifier |        |           |     |      |      |   | Prepared       | Analyzed       | Dil Fac |
| Bis(2-chloroethyl)ether     | 5.0    | U         | 5.0    |           | 5.0 | 0.40 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Bis(2-ethylhexyl) phthalate | 5.0    | U         | 5.0    |           | 5.0 | 1.8  | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Butyl benzyl phthalate      | 5.0    | U         | 5.0    |           | 5.0 | 0.42 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Caprolactam                 | 5.0    | U         | 5.0    |           | 5.0 | 2.2  | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Carbazole                   | 5.0    | U         | 5.0    |           | 5.0 | 0.30 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Chrysene                    | 5.0    | U         | 5.0    |           | 5.0 | 0.33 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Dibenz(a,h)anthracene       | 5.0    | U         | 5.0    |           | 5.0 | 0.42 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Dibenzofuran                | 10     | U         | 10     |           | 10  | 0.51 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Diethyl phthalate           | 5.0    | U         | 5.0    |           | 5.0 | 0.22 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Dimethyl phthalate          | 5.0    | U         | 5.0    |           | 5.0 | 0.36 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Di-n-butyl phthalate        | 0.413  | J         | 5.0    |           | 5.0 | 0.31 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Di-n-octyl phthalate        | 5.0    | U         | 5.0    |           | 5.0 | 0.47 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Fluoranthene                | 5.0    | U         | 5.0    |           | 5.0 | 0.40 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Fluorene                    | 5.0    | U         | 5.0    |           | 5.0 | 0.36 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Hexachlorobenzene           | 5.0    | U         | 5.0    |           | 5.0 | 0.51 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Hexachlorobutadiene         | 5.0    | U         | 5.0    |           | 5.0 | 0.68 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Hexachlorocyclopentadiene   | 5.0    | U         | 5.0    |           | 5.0 | 0.59 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Hexachloroethane            | 5.0    | U         | 5.0    |           | 5.0 | 0.59 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Indeno[1,2,3-cd]pyrene      | 5.0    | U         | 5.0    |           | 5.0 | 0.47 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Isophorone                  | 5.0    | U         | 5.0    |           | 5.0 | 0.43 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Naphthalene                 | 5.0    | U         | 5.0    |           | 5.0 | 0.76 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Nitrobenzene                | 5.0    | U         | 5.0    |           | 5.0 | 0.29 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| N-Nitrosodi-n-propylamine   | 5.0    | U         | 5.0    |           | 5.0 | 0.54 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| N-Nitrosodiphenylamine      | 5.0    | U         | 5.0    |           | 5.0 | 0.51 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Pentachlorophenol           | 10     | U         | 10     |           | 10  | 2.2  | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Phenanthrene                | 5.0    | U         | 5.0    |           | 5.0 | 0.44 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Phenol                      | 5.0    | U         | 5.0    |           | 5.0 | 0.39 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |
| Pyrene                      | 5.0    | U         | 5.0    |           | 5.0 | 0.34 | ug/L |   | 03/03/14 14:39 | 03/04/14 05:57 | 1       |

**MB MB**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac        |
|-----------------------------|-----------|-----------|----------|----------|----------------|----------------|
|                             |           |           |          | Prepared | Analyzed       | Dil Fac        |
| Nitrobenzene-d5 (Surr)      | 81        |           | 46 - 120 |          | 03/03/14 14:39 | 03/04/14 05:57 |
| 2,4,6-Tribromophenol (Surr) | 96        |           | 52 - 132 |          | 03/03/14 14:39 | 03/04/14 05:57 |
| Phenol-d5 (Surr)            | 42        |           | 16 - 120 |          | 03/03/14 14:39 | 03/04/14 05:57 |
| 2-Fluorobiphenyl            | 87        |           | 48 - 120 |          | 03/03/14 14:39 | 03/04/14 05:57 |
| p-Terphenyl-d14 (Surr)      | 111       |           | 67 - 150 |          | 03/03/14 14:39 | 03/04/14 05:57 |
| 2-Fluorophenol (Surr)       | 54        |           | 20 - 120 |          | 03/03/14 14:39 | 03/04/14 05:57 |

**Lab Sample ID: LCS 480-168313/2-A**

**Matrix: Water**

**Analysis Batch: 168360**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168313**

| Analyte                 | Spike<br>Added | LCS    |           | Unit | D | %Rec | Limits   |
|-------------------------|----------------|--------|-----------|------|---|------|----------|
|                         |                | Result | Qualifier |      |   |      |          |
| 2,4-Dinitrotoluene      | 32.0           | 37.9   |           | ug/L |   | 118  | 65 - 154 |
| 2-Chlorophenol          | 32.0           | 29.5   |           | ug/L |   | 92   | 48 - 120 |
| 4-Chloro-3-methylphenol | 32.0           | 35.7   |           | ug/L |   | 112  | 64 - 120 |
| 4-Nitrophenol           | 64.0           | 58.7   |           | ug/L |   | 92   | 16 - 120 |
| Acenaphthene            | 32.0           | 31.5   |           | ug/L |   | 98   | 60 - 120 |
| Atrazine                | 32.0           | 39.7   |           | ug/L |   | 124  | 56 - 179 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-168313/2-A**

**Matrix: Water**

**Analysis Batch: 168360**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168313**

| Analyte                     | Spike<br>Added | LCS    |           | Unit | D | %Rec | Limits   |
|-----------------------------|----------------|--------|-----------|------|---|------|----------|
|                             |                | Result | Qualifier |      |   |      |          |
| Bis(2-ethylhexyl) phthalate | 32.0           | 34.0   |           | ug/L |   | 106  | 53 - 158 |
| Fluorene                    | 32.0           | 33.6   |           | ug/L |   | 105  | 55 - 143 |
| Hexachloroethane            | 32.0           | 25.6   |           | ug/L |   | 80   | 14 - 101 |
| N-Nitrosodi-n-propylamine   | 32.0           | 31.1   |           | ug/L |   | 97   | 56 - 120 |
| Pentachlorophenol           | 64.0           | 69.8   |           | ug/L |   | 109  | 39 - 136 |
| Phenol                      | 32.0           | 18.7   |           | ug/L |   | 58   | 17 - 120 |
| Pyrene                      | 32.0           | 34.2   |           | ug/L |   | 107  | 58 - 136 |

| Surrogate                   | LCS       |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Nitrobenzene-d5 (Surr)      | 94        |           | 46 - 120 |
| 2,4,6-Tribromophenol (Surr) | 126       |           | 52 - 132 |
| Phenol-d5 (Surr)            | 61        |           | 16 - 120 |
| 2-Fluorobiphenyl            | 95        |           | 48 - 120 |
| p-Terphenyl-d14 (Surr)      | 115       |           | 67 - 150 |
| 2-Fluorophenol (Surr)       | 75        |           | 20 - 120 |

**Lab Sample ID: MB 480-168599/1-A**

**Matrix: Solid**

**Analysis Batch: 168768**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168599**

| Analyte                     | MB     |           | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
|                             | Result | Qualifier |     |     |       |   |                |                |         |
| 2,4,5-Trichlorophenol       | 170    | U         | 170 | 37  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,4,6-Trichlorophenol       | 170    | U         | 170 | 11  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,4-Dichlorophenol          | 170    | U         | 170 | 8.8 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,4-Dimethylphenol          | 170    | U         | 170 | 45  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,4-Dinitrophenol           | 330    | U         | 330 | 59  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,4-Dinitrotoluene          | 170    | U         | 170 | 26  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,6-Dinitrotoluene          | 170    | U         | 170 | 41  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Chloronaphthalene         | 170    | U         | 170 | 11  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Chlorophenol              | 170    | U         | 170 | 8.5 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Methylnaphthalene         | 170    | U         | 170 | 2.0 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Methylphenol              | 170    | U         | 170 | 5.2 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Nitroaniline              | 330    | U         | 330 | 54  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Nitrophenol               | 170    | U         | 170 | 7.7 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 3,3'-Dichlorobenzidine      | 170    | U         | 170 | 150 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 3-Nitroaniline              | 330    | U         | 330 | 39  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4,6-Dinitro-2-methylphenol  | 330    | U         | 330 | 58  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Bromophenyl phenyl ether  | 170    | U         | 170 | 53  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Chloro-3-methylphenol     | 170    | U         | 170 | 6.9 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Chloroaniline             | 170    | U         | 170 | 49  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Chlorophenyl phenyl ether | 170    | U         | 170 | 3.6 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Methylphenol              | 330    | U         | 330 | 9.3 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Nitroaniline              | 330    | U         | 330 | 19  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 4-Nitrophenol               | 330    | U         | 330 | 41  | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| Acenaphthene                | 170    | U         | 170 | 2.0 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| Acenaphthylene              | 170    | U         | 170 | 1.4 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| Acetophenone                | 170    | U         | 170 | 8.6 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| Anthracene                  | 170    | U         | 170 | 4.3 | ug/Kg |   | 03/05/14 07:41 | 03/06/14 13:10 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168599/1-A**

**Matrix: Solid**

**Analysis Batch: 168768**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168599**

| Analyte                       | MB     | MB        | Result | Qualifier | RL  | MDL | Unit  | D              | Prepared       | Analyzed | Dil Fac |
|-------------------------------|--------|-----------|--------|-----------|-----|-----|-------|----------------|----------------|----------|---------|
|                               | Result | Qualifier |        |           |     |     |       |                |                |          |         |
| Atrazine                      | 170    | U         | 170    |           | 170 | 7.5 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Benzaldehyde                  | 170    | U         | 170    |           | 170 | 18  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Benzo[a]anthracene            | 170    | U         | 170    |           | 170 | 2.9 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Benzo[a]pyrene                | 170    | U         | 170    |           | 170 | 4.0 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Benzo[b]fluoranthene          | 170    | U         | 170    |           | 170 | 3.3 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Benzo[g,h,i]perylene          | 170    | U         | 170    |           | 170 | 2.0 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Benzo[k]fluoranthene          | 170    | U         | 170    |           | 170 | 1.8 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Biphenyl                      | 170    | U         | 170    |           | 170 | 10  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| bis (2-chloroisopropyl) ether | 170    | U         | 170    |           | 170 | 18  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Bis(2-chloroethoxy)methane    | 170    | U         | 170    |           | 170 | 9.1 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Bis(2-chloroethyl)ether       | 170    | U         | 170    |           | 170 | 14  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Bis(2-ethylhexyl) phthalate   | 170    | U         | 170    |           | 170 | 54  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Butyl benzyl phthalate        | 170    | U         | 170    |           | 170 | 45  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Caprolactam                   | 170    | U         | 170    |           | 170 | 73  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Carbazole                     | 170    | U         | 170    |           | 170 | 1.9 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Chrysene                      | 170    | U         | 170    |           | 170 | 1.7 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Dibenz(a,h)anthracene         | 170    | U         | 170    |           | 170 | 2.0 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Dibenzofuran                  | 170    | U         | 170    |           | 170 | 1.7 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Diethyl phthalate             | 170    | U         | 170    |           | 170 | 5.1 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Dimethyl phthalate            | 170    | U         | 170    |           | 170 | 4.4 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Di-n-butyl phthalate          | 170    | U         | 170    |           | 170 | 58  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Di-n-octyl phthalate          | 170    | U         | 170    |           | 170 | 3.9 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Fluoranthene                  | 170    | U         | 170    |           | 170 | 2.4 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Fluorene                      | 170    | U         | 170    |           | 170 | 3.9 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Hexachlorobenzene             | 170    | U         | 170    |           | 170 | 8.3 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Hexachlorobutadiene           | 170    | U         | 170    |           | 170 | 8.6 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Hexachlorocyclopentadiene     | 170    | U         | 170    |           | 170 | 51  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Hexachloroethane              | 170    | U         | 170    |           | 170 | 13  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Indeno[1,2,3-cd]pyrene        | 170    | U         | 170    |           | 170 | 4.6 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Isophorone                    | 170    | U         | 170    |           | 170 | 8.4 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Naphthalene                   | 170    | U         | 170    |           | 170 | 2.8 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Nitrobenzene                  | 170    | U         | 170    |           | 170 | 7.4 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| N-Nitrosodi-n-propylamine     | 170    | U         | 170    |           | 170 | 13  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| N-Nitrosodiphenylamine        | 170    | U         | 170    |           | 170 | 9.2 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Pentachlorophenol             | 330    | U         | 330    |           | 330 | 58  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Phenanthrene                  | 170    | U         | 170    |           | 170 | 3.5 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Phenol                        | 170    | U         | 170    |           | 170 | 18  | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |
| Pyrene                        | 170    | U         | 170    |           | 170 | 1.1 | ug/Kg | 03/05/14 07:41 | 03/06/14 13:10 |          | 1       |

| Surrogate                   | MB     | MB        | %Recovery | Qualifier | Limits | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----------|-----------|--------|----------------|----------------|---------|
|                             | Result | Qualifier |           |           |        |                |                |         |
| Nitrobenzene-d5 (Surr)      | 74     |           | 34 - 132  |           |        | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2,4,6-Tribromophenol (Surr) | 72     |           | 39 - 146  |           |        | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| Phenol-d5 (Surr)            | 84     |           | 11 - 120  |           |        | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Fluorobiphenyl            | 81     |           | 37 - 120  |           |        | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| p-Terphenyl-d14 (Surr)      | 89     |           | 65 - 153  |           |        | 03/05/14 07:41 | 03/06/14 13:10 | 1       |
| 2-Fluorophenol (Surr)       | 82     |           | 18 - 120  |           |        | 03/05/14 07:41 | 03/06/14 13:10 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-168599/2-A**

**Matrix: Solid**

**Analysis Batch: 168768**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168599**

| Analyte                     | Spike | LCS    | LCS       | Unit  | D | %Rec | Limits   |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|
|                             | Added | Result | Qualifier |       |   |      |          |
| 2,4-Dinitrotoluene          | 3310  | 3280   |           | ug/Kg |   | 99   | 55 - 125 |
| 2-Chlorophenol              | 3310  | 2790   |           | ug/Kg |   | 84   | 38 - 120 |
| 4-Chloro-3-methylphenol     | 3310  | 3050   |           | ug/Kg |   | 92   | 49 - 125 |
| 4-Nitrophenol               | 6620  | 6470   |           | ug/Kg |   | 98   | 43 - 137 |
| Acenaphthene                | 3310  | 2980   |           | ug/Kg |   | 90   | 53 - 120 |
| Atrazine                    | 3310  | 3090   |           | ug/Kg |   | 93   | 60 - 164 |
| Bis(2-ethylhexyl) phthalate | 3310  | 3250   |           | ug/Kg |   | 98   | 61 - 133 |
| Fluorene                    | 3310  | 3040   |           | ug/Kg |   | 92   | 63 - 126 |
| Hexachloroethane            | 3310  | 2580   |           | ug/Kg |   | 78   | 41 - 120 |
| N-Nitrosodi-n-propylamine   | 3310  | 2860   |           | ug/Kg |   | 86   | 46 - 120 |
| Pentachlorophenol           | 6620  | 6300   |           | ug/Kg |   | 95   | 33 - 136 |
| Phenol                      | 3310  | 2870   |           | ug/Kg |   | 87   | 36 - 120 |
| Pyrene                      | 3310  | 3130   |           | ug/Kg |   | 94   | 51 - 133 |

| Surrogate                   | LCS       | LCS       | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Nitrobenzene-d5 (Surr)      | 86        |           | 34 - 132 |
| 2,4,6-Tribromophenol (Surr) | 93        |           | 39 - 146 |
| Phenol-d5 (Surr)            | 89        |           | 11 - 120 |
| 2-Fluorobiphenyl            | 90        |           | 37 - 120 |
| p-Terphenyl-d14 (Surr)      | 97        |           | 65 - 153 |
| 2-Fluorophenol (Surr)       | 87        |           | 18 - 120 |

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 168914**

**Client Sample ID: LT-T-004-10-12 MS**

**Prep Type: Total/NA**

**Prep Batch: 168599**

| Analyte                     | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec | Limits   |
|-----------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|
|                             | Result | Qualifier | Added | Result | Qualifier |       |   |      |          |
| 2,4-Dinitrotoluene          | 210    | U         | 4100  | 3750   |           | ug/Kg | ⊗ | 91   | 55 - 125 |
| 2-Chlorophenol              | 210    | U         | 4100  | 3430   |           | ug/Kg | ⊗ | 84   | 38 - 120 |
| 4-Chloro-3-methylphenol     | 210    | U         | 4100  | 3670   |           | ug/Kg | ⊗ | 89   | 49 - 125 |
| 4-Nitrophenol               | 400    | U         | 8210  | 6930   |           | ug/Kg | ⊗ | 84   | 43 - 137 |
| Acenaphthene                | 14     | J         | 4100  | 3610   |           | ug/Kg | ⊗ | 88   | 53 - 120 |
| Atrazine                    | 210    | U         | 4100  | 3460   |           | ug/Kg | ⊗ | 84   | 60 - 164 |
| Bis(2-ethylhexyl) phthalate | 210    | U         | 4100  | 3620   |           | ug/Kg | ⊗ | 88   | 61 - 133 |
| Fluorene                    | 8.9    | J         | 4100  | 3600   |           | ug/Kg | ⊗ | 87   | 63 - 126 |
| Hexachloroethane            | 210    | U         | 4100  | 3020   |           | ug/Kg | ⊗ | 74   | 41 - 120 |
| N-Nitrosodi-n-propylamine   | 210    | U         | 4100  | 3500   |           | ug/Kg | ⊗ | 85   | 46 - 120 |
| Pentachlorophenol           | 400    | U         | 8210  | 8070   |           | ug/Kg | ⊗ | 98   | 33 - 136 |
| Phenol                      | 210    | U         | 4100  | 3430   |           | ug/Kg | ⊗ | 84   | 36 - 120 |
| Pyrene                      | 100    | J         | 4100  | 3510   |           | ug/Kg | ⊗ | 83   | 51 - 133 |

| Surrogate                   | MS        | MS        | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Nitrobenzene-d5 (Surr)      | 82        |           | 34 - 132 |
| Phenol-d5 (Surr)            | 86        |           | 11 - 120 |
| p-Terphenyl-d14 (Surr)      | 85        |           | 65 - 153 |
| 2,4,6-Tribromophenol (Surr) | 101       |           | 39 - 146 |
| 2-Fluorobiphenyl            | 88        |           | 37 - 120 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 168914**

**Client Sample ID: LT-T-004-10-12 MS**

**Prep Type: Total/NA**

**Prep Batch: 168599**

| Surrogate             | MS        | MS        |          |
|-----------------------|-----------|-----------|----------|
|                       | %Recovery | Qualifier | Limits   |
| 2-Fluorophenol (Surr) | 82        |           | 18 - 120 |

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168914**

**Client Sample ID: LT-T-004-10-12 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168599**

| Analyte                     | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec | Limits   | RPD | RPD Limit |
|-----------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-----------|
|                             | Result | Qualifier | Added | Result | Qualifier |       |   |      |          |     |           |
| 2,4-Dinitrotoluene          | 210    | U         | 4100  | 3790   |           | ug/Kg | ⊗ | 92   | 55 - 125 | 1   | 20        |
| 2-Chlorophenol              | 210    | U         | 4100  | 3390   |           | ug/Kg | ⊗ | 83   | 38 - 120 | 1   | 25        |
| 4-Chloro-3-methylphenol     | 210    | U         | 4100  | 3670   |           | ug/Kg | ⊗ | 90   | 49 - 125 | 0   | 27        |
| 4-Nitrophenol               | 400    | U         | 8200  | 6940   |           | ug/Kg | ⊗ | 85   | 43 - 137 | 0   | 25        |
| Acenaphthene                | 14     | J         | 4100  | 3630   |           | ug/Kg | ⊗ | 88   | 53 - 120 | 0   | 35        |
| Atrazine                    | 210    | U         | 4100  | 3430   |           | ug/Kg | ⊗ | 84   | 60 - 164 | 1   | 20        |
| Bis(2-ethylhexyl) phthalate | 210    | U         | 4100  | 3610   |           | ug/Kg | ⊗ | 88   | 61 - 133 | 0   | 15        |
| Fluorene                    | 8.9    | J         | 4100  | 3600   |           | ug/Kg | ⊗ | 88   | 63 - 126 | 0   | 15        |
| Hexachloroethane            | 210    | U         | 4100  | 2890   |           | ug/Kg | ⊗ | 70   | 41 - 120 | 5   | 46        |
| N-Nitrosodi-n-propylamine   | 210    | U         | 4100  | 3410   |           | ug/Kg | ⊗ | 83   | 46 - 120 | 2   | 31        |
| Pentachlorophenol           | 400    | U         | 8200  | 7960   |           | ug/Kg | ⊗ | 97   | 33 - 136 | 1   | 35        |
| Phenol                      | 210    | U         | 4100  | 3460   |           | ug/Kg | ⊗ | 84   | 36 - 120 | 1   | 35        |
| Pyrene                      | 100    | J         | 4100  | 3560   |           | ug/Kg | ⊗ | 84   | 51 - 133 | 1   | 35        |

| Surrogate                   | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier | Limits   |
| Nitrobenzene-d5 (Surr)      | 83        |           | 34 - 132 |
| Phenol-d5 (Surr)            | 85        |           | 11 - 120 |
| p-Terphenyl-d14 (Surr)      | 89        |           | 65 - 153 |
| 2,4,6-Tribromophenol (Surr) | 99        |           | 39 - 146 |
| 2-Fluorobiphenyl            | 89        |           | 37 - 120 |
| 2-Fluorophenol (Surr)       | 82        |           | 18 - 120 |

**Lab Sample ID: MB 480-168600/1-A**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte                | MB     | MB        | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
|                        | Result | Qualifier |     |     |       |   |                |                |         |
| 2,4,5-Trichlorophenol  | 170    | U         | 170 | 37  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,4,6-Trichlorophenol  | 170    | U         | 170 | 11  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,4-Dichlorophenol     | 170    | U         | 170 | 8.8 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,4-Dimethylphenol     | 170    | U         | 170 | 45  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,4-Dinitrophenol      | 330    | U         | 330 | 59  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,4-Dinitrotoluene     | 170    | U         | 170 | 26  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,6-Dinitrotoluene     | 170    | U         | 170 | 41  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Chloronaphthalene    | 170    | U         | 170 | 11  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Chlorophenol         | 170    | U         | 170 | 8.6 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Methylnaphthalene    | 170    | U         | 170 | 2.0 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Methylphenol         | 170    | U         | 170 | 5.2 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Nitroaniline         | 330    | U         | 330 | 54  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Nitrophenol          | 170    | U         | 170 | 7.7 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 3,3'-Dichlorobenzidine | 170    | U         | 170 | 150 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168600/1-A**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte                       | MB     | MB        | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
|                               | Result | Qualifier |        |           |     |     |       |   |                |                |         |
| 3-Nitroaniline                | 330    | U         | 330    |           | 330 | 39  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4,6-Dinitro-2-methylphenol    | 330    | U         | 330    |           | 330 | 58  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Bromophenyl phenyl ether    | 170    | U         | 170    |           | 170 | 53  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Chloro-3-methylphenol       | 170    | U         | 170    |           | 170 | 6.9 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Chloroaniline               | 170    | U         | 170    |           | 170 | 49  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Chlorophenyl phenyl ether   | 170    | U         | 170    |           | 170 | 3.6 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Methylphenol                | 330    | U         | 330    |           | 330 | 9.4 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Nitroaniline                | 330    | U         | 330    |           | 330 | 19  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 4-Nitrophenol                 | 330    | U         | 330    |           | 330 | 41  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Acenaphthene                  | 170    | U         | 170    |           | 170 | 2.0 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Acenaphthylene                | 170    | U         | 170    |           | 170 | 1.4 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Acetophenone                  | 170    | U         | 170    |           | 170 | 8.6 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Anthracene                    | 170    | U         | 170    |           | 170 | 4.3 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Atrazine                      | 170    | U         | 170    |           | 170 | 7.5 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Benzaldehyde                  | 170    | U         | 170    |           | 170 | 18  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Benzo[a]anthracene            | 170    | U         | 170    |           | 170 | 2.9 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Benzo[a]pyrene                | 170    | U         | 170    |           | 170 | 4.0 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Benzo[b]fluoranthene          | 170    | U         | 170    |           | 170 | 3.3 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Benzo[g,h,i]perylene          | 170    | U         | 170    |           | 170 | 2.0 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Benzo[k]fluoranthene          | 170    | U         | 170    |           | 170 | 1.8 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Biphenyl                      | 170    | U         | 170    |           | 170 | 10  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| bis (2-chloroisopropyl) ether | 170    | U         | 170    |           | 170 | 18  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Bis(2-chloroethoxy)methane    | 170    | U         | 170    |           | 170 | 9.1 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Bis(2-chloroethyl)ether       | 170    | U         | 170    |           | 170 | 15  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Bis(2-ethylhexyl) phthalate   | 170    | U         | 170    |           | 170 | 54  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Butyl benzyl phthalate        | 170    | U         | 170    |           | 170 | 45  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Caprolactam                   | 170    | U         | 170    |           | 170 | 73  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Carbazole                     | 170    | U         | 170    |           | 170 | 1.9 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Chrysene                      | 170    | U         | 170    |           | 170 | 1.7 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Dibenz(a,h)anthracene         | 170    | U         | 170    |           | 170 | 2.0 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Dibenzofuran                  | 170    | U         | 170    |           | 170 | 1.7 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Diethyl phthalate             | 170    | U         | 170    |           | 170 | 5.1 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Dimethyl phthalate            | 170    | U         | 170    |           | 170 | 4.4 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Di-n-butyl phthalate          | 170    | U         | 170    |           | 170 | 58  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Di-n-octyl phthalate          | 170    | U         | 170    |           | 170 | 3.9 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Fluoranthene                  | 170    | U         | 170    |           | 170 | 2.4 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Fluorene                      | 170    | U         | 170    |           | 170 | 3.9 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Hexachlorobenzene             | 170    | U         | 170    |           | 170 | 8.3 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Hexachlorobutadiene           | 170    | U         | 170    |           | 170 | 8.6 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Hexachlorocyclopentadiene     | 170    | U         | 170    |           | 170 | 51  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Hexachloroethane              | 170    | U         | 170    |           | 170 | 13  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Indeno[1,2,3-cd]pyrene        | 170    | U         | 170    |           | 170 | 4.6 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Isophorone                    | 170    | U         | 170    |           | 170 | 8.4 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Naphthalene                   | 170    | U         | 170    |           | 170 | 2.8 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Nitrobenzene                  | 170    | U         | 170    |           | 170 | 7.4 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| N-Nitrosodi-n-propylamine     | 170    | U         | 170    |           | 170 | 13  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| N-Nitrosodiphenylamine        | 170    | U         | 170    |           | 170 | 9.2 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Pentachlorophenol             | 330    | U         | 330    |           | 330 | 58  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168600/1-A**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte      | MB     | MB        | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
|              | Result | Qualifier |        |           |     |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Phenanthrene | 170    | U         | 170    |           | 170 | 3.5 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Phenol       | 170    | U         | 170    |           | 170 | 18  | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Pyrene       | 170    | U         | 170    |           | 170 | 1.1 | ug/Kg |   | 03/05/14 07:44 | 03/07/14 06:04 | 1       |

| Surrogate                   | MB     | MB        | %Recovery | Qualifier | Limits | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----------|-----------|--------|----------------|----------------|---------|
|                             | Result | Qualifier |           |           |        | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      | 92     |           | 34 - 132  |           |        | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2,4,6-Tribromophenol (Surr) | 92     |           | 39 - 146  |           |        | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| Phenol-d5 (Surr)            | 96     |           | 11 - 120  |           |        | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Fluorobiphenyl            | 96     |           | 37 - 120  |           |        | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| p-Terphenyl-d14 (Surr)      | 104    |           | 65 - 153  |           |        | 03/05/14 07:44 | 03/07/14 06:04 | 1       |
| 2-Fluorophenol (Surr)       | 94     |           | 18 - 120  |           |        | 03/05/14 07:44 | 03/07/14 06:04 | 1       |

**Lab Sample ID: LCS 480-168600/2-A**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte                     | Spike | LCS    | LCS       | Added | Result | Qualifier | Unit  | D | %Rec. | Limits   |
|-----------------------------|-------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|
|                             | Added | Result | Qualifier |       |        |           |       |   | %Rec  |          |
| 2,4-Dinitrotoluene          | 3310  | 3510   |           | 3310  |        |           | ug/Kg |   | 106   | 55 - 125 |
| 2-Chlorophenol              | 3310  | 3050   |           | 3310  |        |           | ug/Kg |   | 92    | 38 - 120 |
| 4-Chloro-3-methylphenol     | 3310  | 3370   |           | 3310  |        |           | ug/Kg |   | 102   | 49 - 125 |
| 4-Nitrophenol               | 6630  | 6510   |           | 6630  |        |           | ug/Kg |   | 98    | 43 - 137 |
| Acenaphthene                | 3310  | 3290   |           | 3310  |        |           | ug/Kg |   | 99    | 53 - 120 |
| Atrazine                    | 3310  | 3280   |           | 3310  |        |           | ug/Kg |   | 99    | 60 - 164 |
| Bis(2-ethylhexyl) phthalate | 3310  | 3410   |           | 3310  |        |           | ug/Kg |   | 103   | 61 - 133 |
| Fluorene                    | 3310  | 3320   |           | 3310  |        |           | ug/Kg |   | 100   | 63 - 126 |
| Hexachloroethane            | 3310  | 2820   |           | 3310  |        |           | ug/Kg |   | 85    | 41 - 120 |
| N-Nitrosodi-n-propylamine   | 3310  | 3160   |           | 3310  |        |           | ug/Kg |   | 95    | 46 - 120 |
| Pentachlorophenol           | 6630  | 6990   |           | 6630  |        |           | ug/Kg |   | 105   | 33 - 136 |
| Phenol                      | 3310  | 3030   |           | 3310  |        |           | ug/Kg |   | 91    | 36 - 120 |
| Pyrene                      | 3310  | 3390   |           | 3310  |        |           | ug/Kg |   | 102   | 51 - 133 |

| Surrogate                   | LCS    | LCS       | %Recovery | Qualifier | Limits |
|-----------------------------|--------|-----------|-----------|-----------|--------|
|                             | Result | Qualifier |           |           |        |
| Nitrobenzene-d5 (Surr)      | 93     |           | 34 - 132  |           |        |
| 2,4,6-Tribromophenol (Surr) | 111    |           | 39 - 146  |           |        |
| Phenol-d5 (Surr)            | 94     |           | 11 - 120  |           |        |
| 2-Fluorobiphenyl            | 99     |           | 37 - 120  |           |        |
| p-Terphenyl-d14 (Surr)      | 105    |           | 65 - 153  |           |        |
| 2-Fluorophenol (Surr)       | 88     |           | 18 - 120  |           |        |

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte                 | Sample | Sample    | Spike | MS     | MS        | Result | Qualifier | Unit  | D | %Rec. | Limits   |
|-------------------------|--------|-----------|-------|--------|-----------|--------|-----------|-------|---|-------|----------|
|                         | Result | Qualifier | Added | Result | Qualifier |        |           |       |   |       |          |
| 2,4-Dinitrotoluene      | 3900   | U         | 3830  | 3450   | J         | 3830   |           | ug/Kg | ⊗ | 90    | 55 - 125 |
| 2-Chlorophenol          | 3900   | U         | 3830  | 3330   | J         | 3830   |           | ug/Kg | ⊗ | 87    | 38 - 120 |
| 4-Chloro-3-methylphenol | 3900   | U         | 3830  | 3480   | J         | 3830   |           | ug/Kg | ⊗ | 91    | 49 - 125 |
| 4-Nitrophenol           | 7600   | U         | 7660  | 6270   | J         | 7660   |           | ug/Kg | ⊗ | 82    | 43 - 137 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte                            | Sample           | Sample           | Spike | MS            | MS        | Unit  | D | %Rec. | Limits   |
|------------------------------------|------------------|------------------|-------|---------------|-----------|-------|---|-------|----------|
|                                    | Result           | Qualifier        | Added | Result        | Qualifier |       |   |       |          |
| Acenaphthene                       | 3900             | U                | 3830  | 3900          |           | ug/Kg | ⊗ | 102   | 53 - 120 |
| Atrazine                           | 3900             | U                | 3830  | 3750          | J         | ug/Kg | ⊗ | 98    | 60 - 164 |
| Bis(2-ethylhexyl) phthalate        | 3900             | U                | 3830  | 3990          |           | ug/Kg | ⊗ | 104   | 61 - 133 |
| Fluorene                           | 3900             | U                | 3830  | 4040          |           | ug/Kg | ⊗ | 105   | 63 - 126 |
| Hexachloroethane                   | 3900             | U                | 3830  | 2840          | J         | ug/Kg | ⊗ | 74    | 41 - 120 |
| N-Nitrosodi-n-propylamine          | 3900             | U                | 3830  | 3270          | J         | ug/Kg | ⊗ | 85    | 46 - 120 |
| Pentachlorophenol                  | 7600             | U                | 7660  | 4800          | J         | ug/Kg | ⊗ | 63    | 33 - 136 |
| Phenol                             | 3900             | U                | 3830  | 3480          | J         | ug/Kg | ⊗ | 91    | 36 - 120 |
| Pyrene                             | 580              | J                | 3830  | 6250          | F1        | ug/Kg | ⊗ | 148   | 51 - 133 |
| <b>MS MS</b>                       |                  |                  |       |               |           |       |   |       |          |
| <b>Surrogate</b>                   | <b>%Recovery</b> | <b>Qualifier</b> |       | <b>Limits</b> |           |       |   |       |          |
| <i>Nitrobenzene-d5 (Surr)</i>      | 87               |                  |       | 34 - 132      |           |       |   |       |          |
| <i>Phenol-d5 (Surr)</i>            | 88               |                  |       | 11 - 120      |           |       |   |       |          |
| <i>p-Terphenyl-d14 (Surr)</i>      | 104              |                  |       | 65 - 153      |           |       |   |       |          |
| <i>2,4,6-Tribromophenol (Surr)</i> | 83               |                  |       | 39 - 146      |           |       |   |       |          |
| <i>2-Fluorobiphenyl</i>            | 97               |                  |       | 37 - 120      |           |       |   |       |          |
| <i>2-Fluorophenol (Surr)</i>       | 84               |                  |       | 18 - 120      |           |       |   |       |          |

**Lab Sample ID: 480-55387-20 MSD**

**Matrix: Solid**

**Analysis Batch: 168979**

**Client Sample ID: LT-T-006-4-6 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168600**

| Analyte                            | Sample           | Sample           | Spike | MSD           | MSD       | Unit  | D | %Rec. | Limits   | RPD | Limit |
|------------------------------------|------------------|------------------|-------|---------------|-----------|-------|---|-------|----------|-----|-------|
|                                    | Result           | Qualifier        | Added | Result        | Qualifier |       |   |       |          |     |       |
| 2,4-Dinitrotoluene                 | 3900             | U                | 3770  | 3360          | J         | ug/Kg | ⊗ | 89    | 55 - 125 | 3   | 20    |
| 2-Chlorophenol                     | 3900             | U                | 3770  | 3180          | J         | ug/Kg | ⊗ | 84    | 38 - 120 | 4   | 25    |
| 4-Chloro-3-methylphenol            | 3900             | U                | 3770  | 3750          | J         | ug/Kg | ⊗ | 99    | 49 - 125 | 8   | 27    |
| 4-Nitrophenol                      | 7600             | U                | 7540  | 5780          | J         | ug/Kg | ⊗ | 77    | 43 - 137 | 8   | 25    |
| Acenaphthene                       | 3900             | U                | 3770  | 3760          | J         | ug/Kg | ⊗ | 100   | 53 - 120 | 3   | 35    |
| Atrazine                           | 3900             | U                | 3770  | 3410          | J         | ug/Kg | ⊗ | 90    | 60 - 164 | 9   | 20    |
| Bis(2-ethylhexyl) phthalate        | 3900             | U                | 3770  | 3800          |           | ug/Kg | ⊗ | 101   | 61 - 133 | 5   | 15    |
| Fluorene                           | 3900             | U                | 3770  | 3820          |           | ug/Kg | ⊗ | 101   | 63 - 126 | 6   | 15    |
| Hexachloroethane                   | 3900             | U                | 3770  | 3050          | J         | ug/Kg | ⊗ | 81    | 41 - 120 | 7   | 46    |
| N-Nitrosodi-n-propylamine          | 3900             | U                | 3770  | 3230          | J         | ug/Kg | ⊗ | 86    | 46 - 120 | 1   | 31    |
| Pentachlorophenol                  | 7600             | U                | 7540  | 4510          | J         | ug/Kg | ⊗ | 60    | 33 - 136 | 6   | 35    |
| Phenol                             | 3900             | U                | 3770  | 3540          | J         | ug/Kg | ⊗ | 94    | 36 - 120 | 2   | 35    |
| Pyrene                             | 580              | J                | 3770  | 4090          | F2        | ug/Kg | ⊗ | 93    | 51 - 133 | 42  | 35    |
| <b>MSD MSD</b>                     |                  |                  |       |               |           |       |   |       |          |     |       |
| <b>Surrogate</b>                   | <b>%Recovery</b> | <b>Qualifier</b> |       | <b>Limits</b> |           |       |   |       |          |     |       |
| <i>Nitrobenzene-d5 (Surr)</i>      | 87               |                  |       | 34 - 132      |           |       |   |       |          |     |       |
| <i>Phenol-d5 (Surr)</i>            | 93               |                  |       | 11 - 120      |           |       |   |       |          |     |       |
| <i>p-Terphenyl-d14 (Surr)</i>      | 110              |                  |       | 65 - 153      |           |       |   |       |          |     |       |
| <i>2,4,6-Tribromophenol (Surr)</i> | 81               |                  |       | 39 - 146      |           |       |   |       |          |     |       |
| <i>2-Fluorobiphenyl</i>            | 98               |                  |       | 37 - 120      |           |       |   |       |          |     |       |
| <i>2-Fluorophenol (Surr)</i>       | 89               |                  |       | 18 - 120      |           |       |   |       |          |     |       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168716/1-A**

**Matrix: Solid**

**Analysis Batch: 168928**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168716**

| Analyte                       | MB     | MB        | RL  | MDL | Unit  | D              | Prepared       | Analyzed | Dil Fac |
|-------------------------------|--------|-----------|-----|-----|-------|----------------|----------------|----------|---------|
|                               | Result | Qualifier |     |     |       |                |                |          |         |
| 2,4,5-Trichlorophenol         | 170    | U         | 170 | 36  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2,4,6-Trichlorophenol         | 170    | U         | 170 | 11  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2,4-Dichlorophenol            | 170    | U         | 170 | 8.7 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2,4-Dimethylphenol            | 170    | U         | 170 | 45  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2,4-Dinitrophenol             | 320    | U         | 320 | 58  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2,4-Dinitrotoluene            | 170    | U         | 170 | 26  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2,6-Dinitrotoluene            | 170    | U         | 170 | 40  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2-Chloronaphthalene           | 170    | U         | 170 | 11  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2-Chlorophenol                | 170    | U         | 170 | 8.4 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2-Methylnaphthalene           | 170    | U         | 170 | 2.0 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2-Methylphenol                | 170    | U         | 170 | 5.1 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2-Nitroaniline                | 320    | U         | 320 | 53  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 2-Nitrophenol                 | 170    | U         | 170 | 7.6 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 3,3'-Dichlorobenzidine        | 170    | U         | 170 | 140 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 3-Nitroaniline                | 320    | U         | 320 | 38  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4,6-Dinitro-2-methylphenol    | 320    | U         | 320 | 57  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Bromophenyl phenyl ether    | 170    | U         | 170 | 53  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Chloro-3-methylphenol       | 170    | U         | 170 | 6.8 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Chloroaniline               | 170    | U         | 170 | 48  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Chlorophenyl phenyl ether   | 170    | U         | 170 | 3.5 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Methylphenol                | 320    | U         | 320 | 9.2 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Nitroaniline                | 320    | U         | 320 | 18  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| 4-Nitrophenol                 | 320    | U         | 320 | 40  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Acenaphthene                  | 170    | U         | 170 | 1.9 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Acenaphthylene                | 170    | U         | 170 | 1.4 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Acetophenone                  | 170    | U         | 170 | 8.5 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Anthracene                    | 170    | U         | 170 | 4.2 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Atrazine                      | 170    | U         | 170 | 7.4 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Benzaldehyde                  | 27.4   | J         | 170 | 18  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Benzo[a]anthracene            | 170    | U         | 170 | 2.9 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Benzo[a]pyrene                | 170    | U         | 170 | 4.0 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Benzo[b]fluoranthene          | 170    | U         | 170 | 3.2 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Benzo[g,h,i]perylene          | 170    | U         | 170 | 2.0 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Benzo[k]fluoranthene          | 170    | U         | 170 | 1.8 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Biphenyl                      | 170    | U         | 170 | 10  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| bis (2-chloroisopropyl) ether | 170    | U         | 170 | 17  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Bis(2-chloroethoxy)methane    | 170    | U         | 170 | 9.0 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Bis(2-chloroethyl)ether       | 170    | U         | 170 | 14  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Bis(2-ethylhexyl) phthalate   | 170    | U         | 170 | 53  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Butyl benzyl phthalate        | 170    | U         | 170 | 44  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Caprolactam                   | 170    | U         | 170 | 71  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Carbazole                     | 170    | U         | 170 | 1.9 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Chrysene                      | 170    | U         | 170 | 1.7 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Dibenz(a,h)anthracene         | 170    | U         | 170 | 1.9 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Dibenzofuran                  | 170    | U         | 170 | 1.7 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Diethyl phthalate             | 170    | U         | 170 | 5.0 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Dimethyl phthalate            | 170    | U         | 170 | 4.3 | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |
| Di-n-butyl phthalate          | 170    | U         | 170 | 57  | ug/Kg | 03/05/14 14:55 | 03/06/14 18:27 | 1        |         |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168716/1-A**

**Matrix: Solid**

**Analysis Batch: 168928**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168716**

| Analyte                     | MB     | MB        | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
|                             | Result | Qualifier |           |           |          |     |       |   |                |                |         |
| Di-n-octyl phthalate        | 170    | U         | 170       |           | 170      | 3.9 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Fluoranthene                | 170    | U         |           |           | 170      | 2.4 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Fluorene                    | 170    | U         |           |           | 170      | 3.8 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Hexachlorobenzene           | 170    | U         |           |           | 170      | 8.2 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Hexachlorobutadiene         | 170    | U         |           |           | 170      | 8.5 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Hexachlorocyclopentadiene   | 170    | U         |           |           | 170      | 50  | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Hexachloroethane            | 170    | U         |           |           | 170      | 13  | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Indeno[1,2,3-cd]pyrene      | 170    | U         |           |           | 170      | 4.6 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Isophorone                  | 170    | U         |           |           | 170      | 8.3 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Naphthalene                 | 5.30   | J         |           |           | 170      | 2.7 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Nitrobenzene                | 170    | U         |           |           | 170      | 7.3 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| N-Nitrosodi-n-propylamine   | 170    | U         |           |           | 170      | 13  | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| N-Nitrosodiphenylamine      | 170    | U         |           |           | 170      | 9.0 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Pentachlorophenol           | 320    | U         |           |           | 320      | 57  | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Phenanthrene                | 170    | U         |           |           | 170      | 3.5 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Phenol                      | 170    | U         |           |           | 170      | 17  | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Pyrene                      | 170    | U         |           |           | 170      | 1.1 | ug/Kg |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| <hr/>                       |        |           |           |           |          |     |       |   |                |                |         |
| Surrogate                   | MB     | MB        | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| Nitrobenzene-d5 (Surr)      |        |           | 90        |           | 34 - 132 |     |       |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| 2,4,6-Tribromophenol (Surr) |        |           | 94        |           | 39 - 146 |     |       |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| Phenol-d5 (Surr)            |        |           | 83        |           | 11 - 120 |     |       |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| 2-Fluorobiphenyl            |        |           | 87        |           | 37 - 120 |     |       |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| p-Terphenyl-d14 (Surr)      |        |           | 105       |           | 65 - 153 |     |       |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |
| 2-Fluorophenol (Surr)       |        |           | 76        |           | 18 - 120 |     |       |   | 03/05/14 14:55 | 03/06/14 18:27 | 1       |

**Lab Sample ID: LCS 480-168716/2-A**

**Matrix: Solid**

**Analysis Batch: 168928**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168716**

| Analyte                     | Spike<br>Added | LC             | LC     | Unit  | D | %Rec | Limits   |
|-----------------------------|----------------|----------------|--------|-------|---|------|----------|
|                             |                | Spike<br>Added | Result |       |   |      |          |
| 2,4-Dinitrotoluene          | 3310           | 3520           |        | ug/Kg |   | 106  | 55 - 125 |
| 2-Chlorophenol              | 3310           | 2800           |        | ug/Kg |   | 85   | 38 - 120 |
| 4-Chloro-3-methylphenol     | 3310           | 3600           |        | ug/Kg |   | 109  | 49 - 125 |
| 4-Nitrophenol               | 6610           | 8650           |        | ug/Kg |   | 131  | 43 - 137 |
| Acenaphthene                | 3310           | 3280           |        | ug/Kg |   | 99   | 53 - 120 |
| Atrazine                    | 3310           | 3670           |        | ug/Kg |   | 111  | 60 - 164 |
| Bis(2-ethylhexyl) phthalate | 3310           | 3850           |        | ug/Kg |   | 116  | 61 - 133 |
| Fluorene                    | 3310           | 3430           |        | ug/Kg |   | 104  | 63 - 126 |
| Hexachloroethane            | 3310           | 2970           |        | ug/Kg |   | 90   | 41 - 120 |
| N-Nitrosodi-n-propylamine   | 3310           | 3260           |        | ug/Kg |   | 99   | 46 - 120 |
| Pentachlorophenol           | 6610           | 6890           |        | ug/Kg |   | 104  | 33 - 136 |
| Phenol                      | 3310           | 2730           |        | ug/Kg |   | 83   | 36 - 120 |
| Pyrene                      | 3310           | 3700           |        | ug/Kg |   | 112  | 51 - 133 |

| Surrogate              | LC        | LC        | Limits   |
|------------------------|-----------|-----------|----------|
|                        | %Recovery | Qualifier |          |
| Nitrobenzene-d5 (Surr) | 99        |           | 34 - 132 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID:** LCS 480-168716/2-A

**Matrix:** Solid

**Analysis Batch:** 168928

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 168716

| Surrogate                   | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| 2,4,6-Tribromophenol (Surr) | 108              |                  | 39 - 146 |
| Phenol-d5 (Surr)            | 88               |                  | 11 - 120 |
| 2-Fluorobiphenyl            | 97               |                  | 37 - 120 |
| p-Terphenyl-d14 (Surr)      | 112              |                  | 65 - 153 |
| 2-Fluorophenol (Surr)       | 80               |                  | 18 - 120 |

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID:** MB 480-168567/1-A

**Matrix:** Water

**Analysis Batch:** 168609

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 168567

| Analyte                | MB<br>Result    | MB<br>Qualifier | RL       | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------------|-----------------|----------|--------|------|---|----------------|----------------|---------|
| 4,4'-DDD               | 0.0109          | J               | 0.050    | 0.0092 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| 4,4'-DDE               | 0.0156          | J               | 0.050    | 0.012  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| 4,4'-DDT               | 0.0171          | J               | 0.050    | 0.011  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Aldrin                 | 0.050           | U               | 0.050    | 0.0066 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| alpha-BHC              | 0.00942         | J               | 0.050    | 0.0066 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| alpha-Chlordane        | 0.050           | U               | 0.050    | 0.015  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| beta-BHC               | 0.050           | U               | 0.050    | 0.025  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| delta-BHC              | 0.050           | U               | 0.050    | 0.010  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Dieldrin               | 0.050           | U               | 0.050    | 0.0098 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Endosulfan I           | 0.050           | U               | 0.050    | 0.011  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Endosulfan II          | 0.050           | U               | 0.050    | 0.012  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Endosulfan sulfate     | 0.050           | U               | 0.050    | 0.016  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Endrin                 | 0.050           | U               | 0.050    | 0.014  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Endrin aldehyde        | 0.050           | U               | 0.050    | 0.016  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Endrin ketone          | 0.050           | U               | 0.050    | 0.012  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| gamma-BHC (Lindane)    | 0.050           | U               | 0.050    | 0.0060 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| gamma-Chlordane        | 0.050           | U               | 0.050    | 0.011  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Heptachlor             | 0.050           | U               | 0.050    | 0.0085 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Heptachlor epoxide     | 0.050           | U               | 0.050    | 0.0053 | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Methoxychlor           | 0.050           | U               | 0.050    | 0.014  | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Toxaphene              | 0.50            | U               | 0.50     | 0.12   | ug/L |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Surrogate              | MB<br>%Recovery | MB<br>Qualifier | Limits   |        |      | D | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl | 60              |                 | 20 - 120 |        |      |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |
| Tetrachloro-m-xylene   | 92              |                 | 36 - 120 |        |      |   | 03/05/14 05:48 | 03/05/14 09:39 | 1       |

**Lab Sample ID:** LCS 480-168567/2-A

**Matrix:** Water

**Analysis Batch:** 168609

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 168567

| Analyte  | Spike<br>Added | LCS    |           |       | Unit | D | %Rec | Limits   |  |
|----------|----------------|--------|-----------|-------|------|---|------|----------|--|
|          |                | Result | Qualifier | %Rec. |      |   |      |          |  |
| 4,4'-DDD | 0.400          | 0.387  |           | 97    | ug/L |   |      | 51 - 138 |  |
| 4,4'-DDE | 0.400          | 0.385  |           | 96    | ug/L |   |      | 45 - 133 |  |
| 4,4'-DDT | 0.400          | 0.357  |           | 89    | ug/L |   |      | 50 - 136 |  |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 480-168567/2-A**

**Matrix: Water**

**Analysis Batch: 168609**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168567**

| Analyte                | Spike | LCS              | LCS              | Unit          | D | %Rec | Limits   | %Rec. |
|------------------------|-------|------------------|------------------|---------------|---|------|----------|-------|
|                        | Added | Result           | Qualifier        |               |   |      |          |       |
| Aldrin                 | 0.400 | 0.375            |                  | ug/L          |   | 94   | 40 - 125 |       |
| alpha-BHC              | 0.400 | 0.382            |                  | ug/L          |   | 96   | 52 - 125 |       |
| alpha-Chlordane        | 0.400 | 0.292            |                  | ug/L          |   | 73   | 52 - 133 |       |
| beta-BHC               | 0.400 | 0.391            |                  | ug/L          |   | 98   | 51 - 135 |       |
| delta-BHC              | 0.400 | 0.379            |                  | ug/L          |   | 95   | 51 - 132 |       |
| Dieldrin               | 0.400 | 0.400            |                  | ug/L          |   | 100  | 49 - 136 |       |
| Endosulfan I           | 0.400 | 0.385            |                  | ug/L          |   | 96   | 51 - 134 |       |
| Endosulfan II          | 0.400 | 0.415            |                  | ug/L          |   | 104  | 52 - 138 |       |
| Endosulfan sulfate     | 0.400 | 0.456            |                  | ug/L          |   | 114  | 47 - 136 |       |
| Endrin                 | 0.400 | 0.408            |                  | ug/L          |   | 102  | 52 - 143 |       |
| Endrin aldehyde        | 0.400 | 0.384            |                  | ug/L          |   | 96   | 46 - 134 |       |
| Endrin ketone          | 0.400 | 0.461            |                  | ug/L          |   | 115  | 51 - 138 |       |
| gamma-BHC (Lindane)    | 0.400 | 0.391            |                  | ug/L          |   | 98   | 56 - 127 |       |
| gamma-Chlordane        | 0.400 | 0.352            |                  | ug/L          |   | 88   | 52 - 128 |       |
| Heptachlor             | 0.400 | 0.394            |                  | ug/L          |   | 98   | 51 - 125 |       |
| Heptachlor epoxide     | 0.400 | 0.402            |                  | ug/L          |   | 100  | 50 - 140 |       |
| Methoxychlor           | 0.400 | 0.451            |                  | ug/L          |   | 113  | 50 - 151 |       |
| <b>Surrogate</b>       |       | <b>LCS</b>       | <b>LCS</b>       |               |   |      |          |       |
| <b>Surrogate</b>       |       | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |   |      |          |       |
| DCB Decachlorobiphenyl | 44    |                  |                  | 20 - 120      |   |      |          |       |
| Tetrachloro-m-xylene   | 85    |                  |                  | 36 - 120      |   |      |          |       |

**Lab Sample ID: MB 480-168593/1-A**

**Matrix: Solid**

**Analysis Batch: 168609**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168593**

| Analyte             | MB     | MB        | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
|                     | Result | Qualifier |     |      |       |   |                |                |         |
| 4,4'-DDD            | 1.7    | U         | 1.7 | 0.32 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| 4,4'-DDE            | 1.7    | U         | 1.7 | 0.25 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| 4,4'-DDT            | 1.7    | U         | 1.7 | 0.17 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Aldrin              | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| alpha-BHC           | 1.7    | U         | 1.7 | 0.30 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| alpha-Chlordane     | 1.7    | U         | 1.7 | 0.82 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| beta-BHC            | 1.7    | U         | 1.7 | 0.18 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| delta-BHC           | 0.451  | J         | 1.7 | 0.22 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Dieldrin            | 1.7    | U         | 1.7 | 0.40 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Endosulfan I        | 1.7    | U         | 1.7 | 0.21 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Endosulfan II       | 1.7    | U         | 1.7 | 0.30 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Endosulfan sulfate  | 1.7    | U         | 1.7 | 0.31 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Endrin              | 1.7    | U         | 1.7 | 0.23 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Endrin aldehyde     | 1.7    | U         | 1.7 | 0.42 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Endrin ketone       | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| gamma-BHC (Lindane) | 1.7    | U         | 1.7 | 0.20 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| gamma-Chlordane     | 1.7    | U         | 1.7 | 0.53 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Heptachlor          | 1.7    | U         | 1.7 | 0.26 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Heptachlor epoxide  | 1.7    | U         | 1.7 | 0.43 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Methoxychlor        | 1.7    | U         | 1.7 | 0.23 | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Toxaphene           | 17     | U         | 17  | 9.6  | ug/Kg |   | 03/05/14 07:33 | 03/05/14 15:32 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

TestAmerica Job ID: 480-55387-1

Project/Site: Glen Isle: Data Gap Field Program

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 480-168593/1-A**

**Matrix: Solid**

**Analysis Batch: 168609**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168593**

| Surrogate              | MB | MB | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|----|----|-----------|-----------|----------|----------------|----------------|---------|
|                        |    |    |           |           |          |                |                |         |
| DCB Decachlorobiphenyl |    |    | 100       |           | 32 - 136 | 03/05/14 07:33 | 03/05/14 15:32 | 1       |
| Tetrachloro-m-xylene   |    |    | 85        |           | 30 - 124 | 03/05/14 07:33 | 03/05/14 15:32 | 1       |

**Lab Sample ID: LCS 480-168593/2-A**

**Matrix: Solid**

**Analysis Batch: 168609**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168593**

| Analyte             | MB | MB | Spike | LCS    | LCS       | Unit  | D | %Rec | Limits   |
|---------------------|----|----|-------|--------|-----------|-------|---|------|----------|
|                     |    |    | Added | Result | Qualifier |       |   |      |          |
| 4,4'-DDD            |    |    | 16.6  | 16.0   |           | ug/Kg |   | 96   | 52 - 138 |
| 4,4'-DDE            |    |    | 16.6  | 15.4   |           | ug/Kg |   | 93   | 52 - 131 |
| 4,4'-DDT            |    |    | 16.6  | 14.1   |           | ug/Kg |   | 85   | 50 - 131 |
| Aldrin              |    |    | 16.6  | 14.3   |           | ug/Kg |   | 87   | 35 - 120 |
| alpha-BHC           |    |    | 16.6  | 14.1   |           | ug/Kg |   | 85   | 49 - 120 |
| alpha-Chlordane     |    |    | 16.6  | 14.6   |           | ug/Kg |   | 88   | 40 - 133 |
| beta-BHC            |    |    | 16.6  | 15.1   |           | ug/Kg |   | 91   | 52 - 127 |
| delta-BHC           |    |    | 16.6  | 14.4   |           | ug/Kg |   | 87   | 45 - 123 |
| Dieldrin            |    |    | 16.6  | 15.6   |           | ug/Kg |   | 94   | 50 - 131 |
| Endosulfan I        |    |    | 16.6  | 14.9   |           | ug/Kg |   | 90   | 43 - 121 |
| Endosulfan II       |    |    | 16.6  | 15.6   |           | ug/Kg |   | 94   | 48 - 134 |
| Endosulfan sulfate  |    |    | 16.6  | 16.7   |           | ug/Kg |   | 101  | 46 - 144 |
| Endrin              |    |    | 16.6  | 15.5   |           | ug/Kg |   | 94   | 46 - 134 |
| Endrin aldehyde     |    |    | 16.6  | 16.6   |           | ug/Kg |   | 100  | 31 - 137 |
| Endrin ketone       |    |    | 16.6  | 17.1   |           | ug/Kg |   | 103  | 44 - 140 |
| gamma-BHC (Lindane) |    |    | 16.6  | 14.6   |           | ug/Kg |   | 88   | 50 - 120 |
| gamma-Chlordane     |    |    | 16.6  | 14.8   |           | ug/Kg |   | 90   | 52 - 129 |
| Heptachlor          |    |    | 16.6  | 15.1   |           | ug/Kg |   | 91   | 51 - 121 |
| Heptachlor epoxide  |    |    | 16.6  | 15.4   |           | ug/Kg |   | 93   | 52 - 129 |
| Methoxychlor        |    |    | 16.6  | 15.8   |           | ug/Kg |   | 96   | 50 - 149 |

| Surrogate              | MB | MB | LCS   | LCS      | Unit | D | %Rec | Limits |
|------------------------|----|----|-------|----------|------|---|------|--------|
|                        |    |    | Added | Result   |      |   |      |        |
| DCB Decachlorobiphenyl |    |    | 100   | 32 - 136 |      |   |      |        |
| Tetrachloro-m-xylene   |    |    | 87    | 30 - 124 |      |   |      |        |

**Lab Sample ID: MB 480-168598/1-A**

**Matrix: Solid**

**Analysis Batch: 168609**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168598**

| Analyte         | MB | MB | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|----|----|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
|                 |    |    |        |           |     |      |       |   |                |                |         |
| 4,4'-DDD        |    |    | 1.7    | U         | 1.7 | 0.32 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| 4,4'-DDE        |    |    | 1.7    | U         | 1.7 | 0.25 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| 4,4'-DDT        |    |    | 1.7    | U         | 1.7 | 0.17 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| Aldrin          |    |    | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| alpha-BHC       |    |    | 1.7    | U         | 1.7 | 0.30 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| alpha-Chlordane |    |    | 1.7    | U         | 1.7 | 0.83 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| beta-BHC        |    |    | 1.7    | U         | 1.7 | 0.18 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| delta-BHC       |    |    | 1.7    | U         | 1.7 | 0.22 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| Dieldrin        |    |    | 1.7    | U         | 1.7 | 0.40 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| Endosulfan I    |    |    | 1.7    | U         | 1.7 | 0.21 | ug/Kg |   | 03/05/14 07:38 | 03/05/14 16:07 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 480-168598/1-A**

**Matrix: Solid**

**Analysis Batch: 168609**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168598**

| Analyte                | MB     | MB        | Result    | Qualifier | RL       | MDL            | Unit           | D              | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----------|-----------|----------|----------------|----------------|----------------|----------------|----------------|---------|
|                        | Result | Qualifier |           |           |          |                |                |                | Prepared       | Analyzed       | Dil Fac |
| Endosulfan II          | 1.7    | U         | 1.7       | U         | 1.7      | 0.30           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Endosulfan sulfate     | 1.7    | U         | 1.7       | U         | 1.7      | 0.31           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Endrin                 | 1.7    | U         | 1.7       | U         | 1.7      | 0.23           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Endrin aldehyde        | 1.7    | U         | 1.7       | U         | 1.7      | 0.42           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Endrin ketone          | 1.7    | U         | 1.7       | U         | 1.7      | 0.41           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| gamma-BHC (Lindane)    | 1.7    | U         | 1.7       | U         | 1.7      | 0.21           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| gamma-Chlordane        | 1.7    | U         | 1.7       | U         | 1.7      | 0.53           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Heptachlor             | 1.7    | U         | 1.7       | U         | 1.7      | 0.26           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Heptachlor epoxide     | 1.7    | U         | 1.7       | U         | 1.7      | 0.43           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Methoxychlor           | 1.7    | U         | 1.7       | U         | 1.7      | 0.23           | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Toxaphene              | 17     | U         | 17        | U         | 17       | 9.7            | ug/Kg          | 03/05/14 07:38 | 03/05/14 16:07 |                | 1       |
| Surrogate              | MB     | MB        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac        | Prepared       | Analyzed       | Dil Fac |
|                        | Result | Qualifier |           |           |          |                |                |                |                |                |         |
| DCB Decachlorobiphenyl | 95     |           | 95        |           | 32 - 136 | 03/05/14 07:38 | 03/05/14 16:07 |                | 03/05/14 07:38 | 03/05/14 16:07 | 1       |
| Tetrachloro-m-xylene   | 82     |           | 82        |           | 30 - 124 | 03/05/14 07:38 | 03/05/14 16:07 |                | 03/05/14 07:38 | 03/05/14 16:07 | 1       |

**Lab Sample ID: LCS 480-168598/2-A**

**Matrix: Solid**

**Analysis Batch: 168609**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168598**

| Analyte                | Spike | LCS    | LCS       | Result    | Qualifier | Unit           | D              | %Rec     | %Rec.    |          |
|------------------------|-------|--------|-----------|-----------|-----------|----------------|----------------|----------|----------|----------|
|                        | Added | Result | Qualifier |           |           |                |                |          | Limits   | Limits   |
| 4,4'-DDD               | 16.1  | 16.1   | 13.7      | 16.1      | U         | ug/Kg          | 85             | 52 - 138 |          |          |
| 4,4'-DDE               | 16.1  | 16.1   | 13.1      | 16.1      | U         | ug/Kg          | 81             | 52 - 131 |          |          |
| 4,4'-DDT               | 16.1  | 16.1   | 12.1      | 16.1      | U         | ug/Kg          | 75             | 50 - 131 |          |          |
| Aldrin                 | 16.1  | 16.1   | 12.0      | 16.1      | U         | ug/Kg          | 75             | 35 - 120 |          |          |
| alpha-BHC              | 16.1  | 16.1   | 12.2      | 16.1      | U         | ug/Kg          | 75             | 49 - 120 |          |          |
| alpha-Chlordane        | 16.1  | 16.1   | 12.5      | 16.1      | U         | ug/Kg          | 77             | 40 - 133 |          |          |
| beta-BHC               | 16.1  | 16.1   | 12.7      | 16.1      | U         | ug/Kg          | 79             | 52 - 127 |          |          |
| delta-BHC              | 16.1  | 16.1   | 12.2      | 16.1      | U         | ug/Kg          | 75             | 45 - 123 |          |          |
| Dieldrin               | 16.1  | 16.1   | 13.3      | 16.1      | U         | ug/Kg          | 82             | 50 - 131 |          |          |
| Endosulfan I           | 16.1  | 16.1   | 12.7      | 16.1      | U         | ug/Kg          | 79             | 43 - 121 |          |          |
| Endosulfan II          | 16.1  | 16.1   | 13.3      | 16.1      | U         | ug/Kg          | 82             | 48 - 134 |          |          |
| Endosulfan sulfate     | 16.1  | 16.1   | 14.3      | 16.1      | U         | ug/Kg          | 88             | 46 - 144 |          |          |
| Endrin                 | 16.1  | 16.1   | 12.9      | 16.1      | U         | ug/Kg          | 80             | 46 - 134 |          |          |
| Endrin aldehyde        | 16.1  | 16.1   | 14.4      | 16.1      | U         | ug/Kg          | 89             | 31 - 137 |          |          |
| Endrin ketone          | 16.1  | 16.1   | 14.7      | 16.1      | U         | ug/Kg          | 91             | 44 - 140 |          |          |
| gamma-BHC (Lindane)    | 16.1  | 16.1   | 12.4      | 16.1      | U         | ug/Kg          | 77             | 50 - 120 |          |          |
| gamma-Chlordane        | 16.1  | 16.1   | 12.6      | 16.1      | U         | ug/Kg          | 78             | 52 - 129 |          |          |
| Heptachlor             | 16.1  | 16.1   | 12.9      | 16.1      | U         | ug/Kg          | 80             | 51 - 121 |          |          |
| Heptachlor epoxide     | 16.1  | 16.1   | 12.7      | 16.1      | U         | ug/Kg          | 78             | 52 - 129 |          |          |
| Methoxychlor           | 16.1  | 16.1   | 13.9      | 16.1      | U         | ug/Kg          | 86             | 50 - 149 |          |          |
| Surrogate              | LCS   | LCS    | %Recovery | Qualifier | Limits    | Prepared       | Analyzed       | Dil Fac  | %Rec.    |          |
|                        | Added | Result |           |           |           |                |                |          | Limits   | Limits   |
| DCB Decachlorobiphenyl | 91    | 91     | 91        | U         | 32 - 136  | 03/05/14 07:38 | 03/05/14 16:07 |          | 52 - 136 | 52 - 136 |
| Tetrachloro-m-xylene   | 80    | 80     | 80        | U         | 30 - 124  | 03/05/14 07:38 | 03/05/14 16:07 |          | 50 - 124 | 50 - 124 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 480-168815/1-A**

**Matrix: Solid**

**Analysis Batch: 168812**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168815**

| Analyte             | MB     | MB        | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
|                     | Result | Qualifier |     |      |       |   |                |                |         |
| 4,4'-DDD            | 1.7    | U         | 1.7 | 0.32 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| 4,4'-DDE            | 1.7    | U         | 1.7 | 0.25 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| 4,4'-DDT            | 0.551  | J         | 1.7 | 0.17 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Aldrin              | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| alpha-BHC           | 0.366  | J         | 1.7 | 0.30 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| alpha-Chlordane     | 1.7    | U         | 1.7 | 0.82 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| beta-BHC            | 1.7    | U         | 1.7 | 0.18 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| delta-BHC           | 0.369  | J         | 1.7 | 0.22 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Dieldrin            | 1.7    | U         | 1.7 | 0.40 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Endosulfan I        | 1.7    | U         | 1.7 | 0.21 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Endosulfan II       | 1.7    | U         | 1.7 | 0.30 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Endosulfan sulfate  | 1.7    | U         | 1.7 | 0.31 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Endrin              | 1.7    | U         | 1.7 | 0.23 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Endrin aldehyde     | 1.7    | U         | 1.7 | 0.42 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Endrin ketone       | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| gamma-BHC (Lindane) | 1.7    | U         | 1.7 | 0.20 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| gamma-Chlordane     | 1.7    | U         | 1.7 | 0.53 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Heptachlor          | 1.7    | U         | 1.7 | 0.26 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Heptachlor epoxide  | 1.7    | U         | 1.7 | 0.43 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Methoxychlor        | 1.7    | U         | 1.7 | 0.23 | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Toxaphene           | 17     | U         | 17  | 9.6  | ug/Kg |   | 03/06/14 08:32 | 03/06/14 12:07 | 1       |

**MB MB**

| Surrogate              | MB        | MB        | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                        | %Recovery | Qualifier |          |                |                |         |
| DCB Decachlorobiphenyl | 88        |           | 32 - 136 | 03/06/14 08:32 | 03/06/14 12:07 | 1       |
| Tetrachloro-m-xylene   | 74        |           | 30 - 124 | 03/06/14 08:32 | 03/06/14 12:07 | 1       |

**Lab Sample ID: LCS 480-168815/2-A**

**Matrix: Solid**

**Analysis Batch: 168812**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168815**

| Analyte             | Spike<br>Added | LCS    |           | Unit  | D | %Rec | Limits   |
|---------------------|----------------|--------|-----------|-------|---|------|----------|
|                     |                | Result | Qualifier |       |   |      |          |
| 4,4'-DDD            | 16.6           | 13.9   |           | ug/Kg |   | 84   | 52 - 138 |
| 4,4'-DDE            | 16.6           | 14.2   |           | ug/Kg |   | 86   | 52 - 131 |
| 4,4'-DDT            | 16.6           | 14.0   |           | ug/Kg |   | 85   | 50 - 131 |
| Aldrin              | 16.6           | 12.4   |           | ug/Kg |   | 75   | 35 - 120 |
| alpha-BHC           | 16.6           | 12.2   |           | ug/Kg |   | 74   | 49 - 120 |
| alpha-Chlordane     | 16.6           | 13.3   |           | ug/Kg |   | 80   | 40 - 133 |
| beta-BHC            | 16.6           | 13.1   |           | ug/Kg |   | 79   | 52 - 127 |
| delta-BHC           | 16.6           | 12.9   |           | ug/Kg |   | 78   | 45 - 123 |
| Dieldrin            | 16.6           | 13.8   |           | ug/Kg |   | 83   | 50 - 131 |
| Endosulfan I        | 16.6           | 13.0   |           | ug/Kg |   | 79   | 43 - 121 |
| Endosulfan II       | 16.6           | 13.6   |           | ug/Kg |   | 82   | 48 - 134 |
| Endosulfan sulfate  | 16.6           | 14.4   |           | ug/Kg |   | 87   | 46 - 144 |
| Endrin              | 16.6           | 14.7   |           | ug/Kg |   | 89   | 46 - 134 |
| Endrin aldehyde     | 16.6           | 14.1   |           | ug/Kg |   | 85   | 31 - 137 |
| Endrin ketone       | 16.6           | 14.7   |           | ug/Kg |   | 89   | 44 - 140 |
| gamma-BHC (Lindane) | 16.6           | 12.3   |           | ug/Kg |   | 75   | 50 - 120 |
| gamma-Chlordane     | 16.6           | 13.2   |           | ug/Kg |   | 80   | 52 - 129 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 480-168815/2-A**

**Matrix: Solid**

**Analysis Batch: 168812**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168815**

| Analyte            |  | Spike | LCS    | LCS       | Unit  | D | %Rec. | Limits   |
|--------------------|--|-------|--------|-----------|-------|---|-------|----------|
|                    |  | Added | Result | Qualifier |       |   |       |          |
| Heptachlor         |  | 16.6  | 13.7   |           | ug/Kg |   | 83    | 51 - 121 |
| Heptachlor epoxide |  | 16.6  | 13.8   |           | ug/Kg |   | 83    | 52 - 129 |
| Methoxychlor       |  | 16.6  | 16.4   |           | ug/Kg |   | 99    | 50 - 149 |

| Surrogate              | LCS       | LCS       | Limits   |
|------------------------|-----------|-----------|----------|
|                        | %Recovery | Qualifier |          |
| DCB Decachlorobiphenyl | 92        |           | 32 - 136 |
| Tetrachloro-m-xylene   | 74        |           | 30 - 124 |

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 168812**

**Client Sample ID: LT-T-004-10-12 MS**

**Prep Type: Total/NA**

**Prep Batch: 168815**

| Analyte             | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec. | Limits   |
|---------------------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|
|                     | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |
| 4,4'-DDD            | 41     | U         | 20.7  | 22.8   | J         | ug/Kg | ⊗ | 110   | 26 - 162 |
| 4,4'-DDE            | 41     | U         | 20.7  | 19.1   | J         | ug/Kg | ⊗ | 92    | 34 - 138 |
| 4,4'-DDT            | 14     | J B       | 20.7  | 26.9   | J         | ug/Kg | ⊗ | 64    | 43 - 131 |
| Aldrin              | 41     | U         | 20.7  | 17.5   | J         | ug/Kg | ⊗ | 84    | 37 - 125 |
| alpha-BHC           | 41     | U         | 20.7  | 19.6   | J         | ug/Kg | ⊗ | 95    | 39 - 117 |
| alpha-Chlordane     | 41     | U         | 20.7  | 41     | U         | ug/Kg | ⊗ | NC    | 29 - 141 |
| beta-BHC            | 41     | U         | 20.7  | 18.5   | J         | ug/Kg | ⊗ | 89    | 36 - 139 |
| delta-BHC           | 13     | J B       | 20.7  | 21.7   | J         | ug/Kg | ⊗ | 43    | 23 - 132 |
| Dieldrin            | 41     | U         | 20.7  | 20.2   | J         | ug/Kg | ⊗ | 97    | 38 - 135 |
| Endosulfan I        | 41     | U         | 20.7  | 17.3   | J         | ug/Kg | ⊗ | 83    | 39 - 128 |
| Endosulfan II       | 41     | U         | 20.7  | 19.3   | J         | ug/Kg | ⊗ | 93    | 24 - 134 |
| Endosulfan sulfate  | 41     | U         | 20.7  | 20.1   | J         | ug/Kg | ⊗ | 97    | 19 - 137 |
| Endrin              | 41     | U         | 20.7  | 23.6   | J         | ug/Kg | ⊗ | 114   | 41 - 147 |
| Endrin aldehyde     | 41     | U         | 20.7  | 15.4   | J         | ug/Kg | ⊗ | 74    | 20 - 120 |
| Endrin ketone       | 41     | U         | 20.7  | 20.9   | J         | ug/Kg | ⊗ | 101   | 31 - 139 |
| gamma-BHC (Lindane) | 41     | U         | 20.7  | 19.7   | J         | ug/Kg | ⊗ | 95    | 50 - 120 |
| gamma-Chlordane     | 41     | U         | 20.7  | 21.3   | J         | ug/Kg | ⊗ | 103   | 31 - 140 |
| Heptachlor          | 41     | U         | 20.7  | 17.1   | J         | ug/Kg | ⊗ | 83    | 42 - 128 |
| Heptachlor epoxide  | 41     | U         | 20.7  | 18.0   | J         | ug/Kg | ⊗ | 87    | 26 - 141 |
| Methoxychlor        | 41     | U         | 20.7  | 26.6   | J         | ug/Kg | ⊗ | 129   | 44 - 157 |

| Surrogate              | MS        | MS        | Limits   |
|------------------------|-----------|-----------|----------|
|                        | %Recovery | Qualifier |          |
| DCB Decachlorobiphenyl | 0         | X         | 32 - 136 |
| Tetrachloro-m-xylene   | 0         | X         | 30 - 124 |

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168812**

**Client Sample ID: LT-T-004-10-12 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168815**

| Analyte   | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec. | Limits   | RPD | Limit |
|-----------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|-----|-------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |     |       |
| 4,4'-DDD  | 41     | U         | 20.5  | 23.9   | J         | ug/Kg | ⊗ | 116   | 26 - 162 | 10  | 21    |
| 4,4'-DDE  | 41     | U         | 20.5  | 19.6   | J         | ug/Kg | ⊗ | 96    | 34 - 138 | 6   | 18    |
| 4,4'-DDT  | 14     | J B       | 20.5  | 27.6   | J         | ug/Kg | ⊗ | 68    | 43 - 131 | 5   | 25    |
| Aldrin    | 41     | U         | 20.5  | 18.6   | J         | ug/Kg | ⊗ | 91    | 37 - 125 | 4   | 12    |
| alpha-BHC | 41     | U         | 20.5  | 20.5   | J         | ug/Kg | ⊗ | 100   | 39 - 117 | 12  | 15    |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168812**

**Client Sample ID: LT-T-004-10-12 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168815**

| Analyte                | Sample | Sample           | Spike            | MSD           | MSD       | Unit  | D | %Rec | Limits   | RPD | Limit |
|------------------------|--------|------------------|------------------|---------------|-----------|-------|---|------|----------|-----|-------|
|                        | Result | Qualifier        | Added            | Result        | Qualifier |       |   |      |          |     |       |
| alpha-Chlordane        | 41     | U                | 20.5             | 21.5          | J         | ug/Kg | ⊗ | 105  | 29 - 141 | NC  | 23    |
| beta-BHC               | 41     | U                | 20.5             | 21.1          | J         | ug/Kg | ⊗ | 103  | 36 - 139 | 9   | 19    |
| delta-BHC              | 13     | J B              | 20.5             | 23.4          | J         | ug/Kg | ⊗ | 52   | 23 - 132 | 1   | 14    |
| Dieldrin               | 41     | U                | 20.5             | 21.4          | J         | ug/Kg | ⊗ | 104  | 38 - 135 | 6   | 12    |
| Endosulfan I           | 41     | U                | 20.5             | 18.8          | J F2      | ug/Kg | ⊗ | 91   | 39 - 128 | 25  | 18    |
| Endosulfan II          | 41     | U                | 20.5             | 20.4          | J         | ug/Kg | ⊗ | 99   | 24 - 134 | 25  | 26    |
| Endosulfan sulfate     | 41     | U                | 20.5             | 20.5          | J         | ug/Kg | ⊗ | 100  | 19 - 137 | 30  | 35    |
| Endrin                 | 41     | U                | 20.5             | 25.3          | J F2      | ug/Kg | ⊗ | 123  | 41 - 147 | 24  | 20    |
| Endrin aldehyde        | 41     | U                | 20.5             | 16.0          | J         | ug/Kg | ⊗ | 78   | 20 - 120 | 6   | 47    |
| Endrin ketone          | 41     | U                | 20.5             | 22.5          | J F2      | ug/Kg | ⊗ | 110  | 31 - 139 | 38  | 37    |
| gamma-BHC (Lindane)    | 41     | U                | 20.5             | 21.6          | J         | ug/Kg | ⊗ | 105  | 50 - 120 | 5   | 12    |
| gamma-Chlordane        | 41     | U                | 20.5             | 22.5          | J F2      | ug/Kg | ⊗ | 109  | 31 - 140 | 24  | 15    |
| Heptachlor             | 41     | U                | 20.5             | 19.1          | J         | ug/Kg | ⊗ | 93   | 42 - 128 | 7   | 22    |
| Heptachlor epoxide     | 41     | U                | 20.5             | 19.8          | J F2      | ug/Kg | ⊗ | 96   | 26 - 141 | 17  | 15    |
| Methoxychlor           | 41     | U                | 20.5             | 27.7          | J         | ug/Kg | ⊗ | 135  | 44 - 157 | 23  | 24    |
| <b>Surrogate</b>       |        | <b>MSD</b>       | <b>MSD</b>       |               |           |       |   |      |          |     |       |
| <b>Surrogate</b>       |        | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |           |       |   |      |          |     |       |
| DCB Decachlorobiphenyl |        | 0                | X                | 32 - 136      |           |       |   |      |          |     |       |
| Tetrachloro-m-xylene   |        | 0                | X                | 30 - 124      |           |       |   |      |          |     |       |

**Lab Sample ID: MB 480-168818/1-A**

**Matrix: Solid**

**Analysis Batch: 168808**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168818**

| Analyte             | MB     | MB        | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
|                     | Result | Qualifier |     |      |       |   |                |                |         |
| 4,4'-DDD            | 1.7    | U         | 1.7 | 0.32 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| 4,4'-DDE            | 1.7    | U         | 1.7 | 0.25 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| 4,4'-DDT            | 1.7    | U         | 1.7 | 0.17 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Aldrin              | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| alpha-BHC           | 1.7    | U         | 1.7 | 0.30 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| alpha-Chlordane     | 1.7    | U         | 1.7 | 0.83 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| beta-BHC            | 1.7    | U         | 1.7 | 0.18 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| delta-BHC           | 1.7    | U         | 1.7 | 0.22 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Dieldrin            | 1.7    | U         | 1.7 | 0.40 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Endosulfan I        | 1.7    | U         | 1.7 | 0.21 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Endosulfan II       | 1.7    | U         | 1.7 | 0.30 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Endosulfan sulfate  | 1.7    | U         | 1.7 | 0.31 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Endrin              | 1.7    | U         | 1.7 | 0.23 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Endrin aldehyde     | 1.7    | U         | 1.7 | 0.42 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Endrin ketone       | 1.7    | U         | 1.7 | 0.41 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| gamma-BHC (Lindane) | 1.7    | U         | 1.7 | 0.21 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| gamma-Chlordane     | 1.7    | U         | 1.7 | 0.53 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Heptachlor          | 1.7    | U         | 1.7 | 0.26 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Heptachlor epoxide  | 1.7    | U         | 1.7 | 0.43 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Methoxychlor        | 1.7    | U         | 1.7 | 0.23 | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Toxaphene           | 17     | U         | 17  | 9.7  | ug/Kg |   | 03/06/14 08:37 | 03/06/14 12:53 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 480-168818/1-A**

**Matrix: Solid**

**Analysis Batch: 168808**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168818**

| Surrogate              | MB | MB | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|----|----|-----------|-----------|----------|----------------|----------------|---------|
|                        |    |    |           |           |          |                |                |         |
| DCB Decachlorobiphenyl |    |    | 100       |           | 32 - 136 | 03/06/14 08:37 | 03/06/14 12:53 | 1       |
| Tetrachloro-m-xylene   |    |    | 79        |           | 30 - 124 | 03/06/14 08:37 | 03/06/14 12:53 | 1       |

**Lab Sample ID: LCS 480-168818/2-A**

**Matrix: Solid**

**Analysis Batch: 168808**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168818**

| Analyte                | Spiked    | LCS       | LCS       | Unit  | D | %Rec | Limits   |
|------------------------|-----------|-----------|-----------|-------|---|------|----------|
|                        | Added     | Result    | Qualifier |       |   |      |          |
| 4,4'-DDD               | 16.1      | 13.5      |           | ug/Kg |   | 84   | 52 - 138 |
| 4,4'-DDE               | 16.1      | 12.9      |           | ug/Kg |   | 80   | 52 - 131 |
| 4,4'-DDT               | 16.1      | 11.5      |           | ug/Kg |   | 71   | 50 - 131 |
| Aldrin                 | 16.1      | 11.3      |           | ug/Kg |   | 70   | 35 - 120 |
| alpha-BHC              | 16.1      | 11.3      |           | ug/Kg |   | 70   | 49 - 120 |
| alpha-Chlordane        | 16.1      | 12.3      |           | ug/Kg |   | 76   | 40 - 133 |
| beta-BHC               | 16.1      | 11.9      |           | ug/Kg |   | 74   | 52 - 127 |
| delta-BHC              | 16.1      | 12.1      |           | ug/Kg |   | 75   | 45 - 123 |
| Dieldrin               | 16.1      | 13.2      |           | ug/Kg |   | 82   | 50 - 131 |
| Endosulfan I           | 16.1      | 12.6      |           | ug/Kg |   | 78   | 43 - 121 |
| Endosulfan II          | 16.1      | 13.3      |           | ug/Kg |   | 82   | 48 - 134 |
| Endosulfan sulfate     | 16.1      | 14.1      |           | ug/Kg |   | 87   | 46 - 144 |
| Endrin                 | 16.1      | 12.7      |           | ug/Kg |   | 79   | 46 - 134 |
| Endrin aldehyde        | 16.1      | 13.6      |           | ug/Kg |   | 84   | 31 - 137 |
| Endrin ketone          | 16.1      | 14.8      |           | ug/Kg |   | 91   | 44 - 140 |
| gamma-BHC (Lindane)    | 16.1      | 11.5      |           | ug/Kg |   | 71   | 50 - 120 |
| gamma-Chlordane        | 16.1      | 12.4      |           | ug/Kg |   | 77   | 52 - 129 |
| Heptachlor             | 16.1      | 12.4      |           | ug/Kg |   | 77   | 51 - 121 |
| Heptachlor epoxide     | 16.1      | 12.6      |           | ug/Kg |   | 78   | 52 - 129 |
| Methoxychlor           | 16.1      | 13.2      |           | ug/Kg |   | 82   | 50 - 149 |
| Surrogate              | LCS       | LCS       |           |       |   |      |          |
|                        | %Recovery | Qualifier | Limits    |       |   |      |          |
| DCB Decachlorobiphenyl | 94        |           | 32 - 136  |       |   |      |          |
| Tetrachloro-m-xylene   | 73        |           | 30 - 124  |       |   |      |          |

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 168808**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168818**

| Analyte         | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec | Limits   |
|-----------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|
|                 | Result | Qualifier | Added | Result | Qualifier |       |   |      |          |
| 4,4'-DDD        | 96     | U         | 19.1  | 36.4   | J F1      | ug/Kg | ⊗ | 191  | 26 - 162 |
| 4,4'-DDE        | 24     | J         | 19.1  | 96     | U F1      | ug/Kg | ⊗ | 0    | 34 - 138 |
| 4,4'-DDT        | 38     | J         | 19.1  | 49.2   | J         | ug/Kg | ⊗ | 59   | 43 - 131 |
| Aldrin          | 96     | U         | 19.1  | 30.3   | J         | ug/Kg | ⊗ | NC   | 37 - 125 |
| alpha-BHC       | 96     | U         | 19.1  | 32.3   | J F1      | ug/Kg | ⊗ | 169  | 39 - 117 |
| alpha-Chlordane | 96     | U         | 19.1  | 96     | U         | ug/Kg | ⊗ | NC   | 29 - 141 |
| beta-BHC        | 96     | U         | 19.1  | 96     | U F1      | ug/Kg | ⊗ | 0    | 36 - 139 |
| delta-BHC       | 96     | U         | 19.1  | 37.5   | J F1      | ug/Kg | ⊗ | 196  | 23 - 132 |
| Dieldrin        | 96     | U         | 19.1  | 34.2   | J         | ug/Kg | ⊗ | NC   | 38 - 135 |
| Endosulfan I    | 96     | U         | 19.1  | 96     | U F1      | ug/Kg | ⊗ | 0    | 39 - 128 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 168808**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168818**

| Analyte                | Sample           | Sample           | Spike     | MS     | MS        | Unit  | D         | %Rec | Limits    | %Rec. |
|------------------------|------------------|------------------|-----------|--------|-----------|-------|-----------|------|-----------|-------|
|                        | Result           | Qualifier        | Added     | Result | Qualifier |       |           |      |           |       |
| Endosulfan II          | 96               | U                | 19.1      | 96     | U F1      | ug/Kg | ⊗         | 0    | 24 - 134  |       |
| Endosulfan sulfate     | 96               | U                | 19.1      | 96     | U F1      | ug/Kg | ⊗         | 0    | 19 - 137  |       |
| Endrin                 | 96               | U                | 19.1      | 96     | U F1      | ug/Kg | ⊗         | 0    | 41 - 147  |       |
| Endrin aldehyde        | 96               | U                | 19.1      | 96     | U         | ug/Kg | ⊗         | NC   | 20 - 120  |       |
| Endrin ketone          | 96               | U                | 19.1      | 96     | U         | ug/Kg | ⊗         | NC   | 31 - 139  |       |
| gamma-BHC (Lindane)    | 96               | U                | 19.1      | 31.7   | J F1      | ug/Kg | ⊗         | 166  | 50 - 120  |       |
| gamma-Chlordane        | 96               | U                | 19.1      | 96     | U         | ug/Kg | ⊗         | NC   | 31 - 140  |       |
| Heptachlor             | 96               | U                | 19.1      | 96     | U F1      | ug/Kg | ⊗         | 0    | 42 - 128  |       |
| Heptachlor epoxide     | 96               | U                | 19.1      | 96     | U         | ug/Kg | ⊗         | NC   | 26 - 141  |       |
| Methoxychlor           | 96               | U                | 19.1      | 43.4   | J F1      | ug/Kg | ⊗         | 227  | 44 - 157  |       |
| <b>MS MS</b>           |                  |                  |           |        |           |       |           |      |           |       |
| <b>Surrogate</b>       | <b>MS</b>        |                  | <b>MS</b> |        | <b>MS</b> |       | <b>MS</b> |      | <b>MS</b> |       |
|                        | <b>%Recovery</b> | <b>Qualifier</b> |           |        |           |       |           |      |           |       |
| DCB Decachlorobiphenyl | 0                | X                |           |        |           |       |           |      |           |       |
| Tetrachloro-m-xylene   | 0                | X                |           |        |           |       |           |      |           |       |

**Lab Sample ID: 480-55387-20 MSD**

**Matrix: Solid**

**Analysis Batch: 168808**

**Client Sample ID: LT-T-006-4-6 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168818**

| Analyte                | Sample           | Sample           | Spike      | MSD    | MSD        | Unit  | D          | %Rec | Limits     | RPD | Limit |
|------------------------|------------------|------------------|------------|--------|------------|-------|------------|------|------------|-----|-------|
|                        | Result           | Qualifier        | Added      | Result | Qualifier  |       |            |      |            |     |       |
| 4,4'-DDD               | 96               | U                | 19.0       | 36.3   | J F1       | ug/Kg | ⊗          | 191  | 26 - 162   | 0   | 21    |
| 4,4'-DDE               | 24               | J                | 19.0       | 35.8   | J          | ug/Kg | ⊗          | 60   | 34 - 138   | NC  | 18    |
| 4,4'-DDT               | 38               | J                | 19.0       | 46.1   | J F1       | ug/Kg | ⊗          | 42   | 43 - 131   | 7   | 25    |
| Aldrin                 | 96               | U                | 19.0       | 29.4   | J          | ug/Kg | ⊗          | NC   | 37 - 125   | 3   | 12    |
| alpha-BHC              | 96               | U                | 19.0       | 31.6   | J F1       | ug/Kg | ⊗          | 167  | 39 - 117   | 2   | 15    |
| alpha-Chlordane        | 96               | U                | 19.0       | 95     | U          | ug/Kg | ⊗          | NC   | 29 - 141   | NC  | 23    |
| beta-BHC               | 96               | U                | 19.0       | 24.6   | J          | ug/Kg | ⊗          | 130  | 36 - 139   | NC  | 19    |
| delta-BHC              | 96               | U                | 19.0       | 33.5   | J F1       | ug/Kg | ⊗          | 177  | 23 - 132   | 11  | 14    |
| Dieldrin               | 96               | U                | 19.0       | 29.9   | J F2       | ug/Kg | ⊗          | NC   | 38 - 135   | 13  | 12    |
| Endosulfan I           | 96               | U                | 19.0       | 95     | U F1       | ug/Kg | ⊗          | 0    | 39 - 128   | NC  | 18    |
| Endosulfan II          | 96               | U                | 19.0       | 95     | U F1       | ug/Kg | ⊗          | 0    | 24 - 134   | NC  | 26    |
| Endosulfan sulfate     | 96               | U                | 19.0       | 95     | U F1       | ug/Kg | ⊗          | 0    | 19 - 137   | NC  | 35    |
| Endrin                 | 96               | U                | 19.0       | 95     | U F1       | ug/Kg | ⊗          | 0    | 41 - 147   | NC  | 20    |
| Endrin aldehyde        | 96               | U                | 19.0       | 95     | U          | ug/Kg | ⊗          | NC   | 20 - 120   | NC  | 47    |
| Endrin ketone          | 96               | U                | 19.0       | 95     | U          | ug/Kg | ⊗          | NC   | 31 - 139   | NC  | 37    |
| gamma-BHC (Lindane)    | 96               | U                | 19.0       | 31.2   | J F1       | ug/Kg | ⊗          | 165  | 50 - 120   | 2   | 12    |
| gamma-Chlordane        | 96               | U                | 19.0       | 95     | U          | ug/Kg | ⊗          | NC   | 31 - 140   | NC  | 15    |
| Heptachlor             | 96               | U                | 19.0       | 95     | U F1       | ug/Kg | ⊗          | 0    | 42 - 128   | NC  | 22    |
| Heptachlor epoxide     | 96               | U                | 19.0       | 95     | U          | ug/Kg | ⊗          | NC   | 26 - 141   | NC  | 15    |
| Methoxychlor           | 96               | U                | 19.0       | 37.3   | J F1       | ug/Kg | ⊗          | 197  | 44 - 157   | 15  | 24    |
| <b>MSD MSD</b>         |                  |                  |            |        |            |       |            |      |            |     |       |
| <b>Surrogate</b>       | <b>MSD</b>       |                  | <b>MSD</b> |        | <b>MSD</b> |       | <b>MSD</b> |      | <b>MSD</b> |     |       |
|                        | <b>%Recovery</b> | <b>Qualifier</b> |            |        |            |       |            |      |            |     |       |
| DCB Decachlorobiphenyl | 0                | X                |            |        |            |       |            |      |            |     |       |
| Tetrachloro-m-xylene   | 0                | X                |            |        |            |       |            |      |            |     |       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 480-168200/1-A**

**Matrix: Water**

**Analysis Batch: 168651**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168200**

| Analyte   | MB     | MB        | RL     | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|--------|---------|------|---|----------------|----------------|---------|
|           | Result | Qualifier |        |         |      |   |                |                |         |
| Aluminum  | 0.20   | U         | 0.20   | 0.060   | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Antimony  | 0.020  | U         | 0.020  | 0.0068  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Arsenic   | 0.015  | U         | 0.015  | 0.0056  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Barium    | 0.0020 | U ^       | 0.0020 | 0.00070 | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Beryllium | 0.0020 | U         | 0.0020 | 0.00030 | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Cadmium   | 0.0020 | U         | 0.0020 | 0.00050 | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Calcium   | 0.50   | U         | 0.50   | 0.10    | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Chromium  | 0.0040 | U         | 0.0040 | 0.0010  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Cobalt    | 0.0040 | U         | 0.0040 | 0.00063 | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Copper    | 0.010  | U         | 0.010  | 0.0016  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Iron      | 0.050  | U         | 0.050  | 0.019   | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Lead      | 0.010  | U         | 0.010  | 0.0030  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Magnesium | 0.20   | U         | 0.20   | 0.043   | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Manganese | 0.0030 | U         | 0.0030 | 0.00040 | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Nickel    | 0.010  | U         | 0.010  | 0.0013  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Potassium | 0.50   | U         | 0.50   | 0.10    | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Selenium  | 0.025  | U         | 0.025  | 0.0087  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Silver    | 0.0060 | U         | 0.0060 | 0.0017  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Sodium    | 1.0    | U         | 1.0    | 0.32    | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Thallium  | 0.020  | U         | 0.020  | 0.010   | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Vanadium  | 0.0050 | U         | 0.0050 | 0.0015  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |
| Zinc      | 0.010  | U         | 0.010  | 0.0015  | mg/L |   | 03/03/14 09:30 | 03/04/14 15:35 | 1       |

**Lab Sample ID: LCS 480-168200/2-A**

**Matrix: Water**

**Analysis Batch: 168651**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168200**

| Analyte   | Spike  | LCS    | LCS       | %Rec. |   |      |          |
|-----------|--------|--------|-----------|-------|---|------|----------|
|           | Added  | Result | Qualifier | Unit  | D | %Rec | Limits   |
| Aluminum  | 10.0   | 10.57  |           | mg/L  |   | 106  | 80 - 120 |
| Antimony  | 0.200  | 0.200  |           | mg/L  |   | 100  | 80 - 120 |
| Arsenic   | 0.200  | 0.213  |           | mg/L  |   | 107  | 80 - 120 |
| Barium    | 0.200  | 0.209  | ^         | mg/L  |   | 105  | 80 - 120 |
| Beryllium | 0.200  | 0.212  |           | mg/L  |   | 106  | 80 - 120 |
| Cadmium   | 0.200  | 0.203  |           | mg/L  |   | 101  | 80 - 120 |
| Calcium   | 10.0   | 10.25  |           | mg/L  |   | 102  | 80 - 120 |
| Chromium  | 0.200  | 0.207  |           | mg/L  |   | 104  | 80 - 120 |
| Cobalt    | 0.200  | 0.206  |           | mg/L  |   | 103  | 80 - 120 |
| Copper    | 0.200  | 0.210  |           | mg/L  |   | 105  | 80 - 120 |
| Iron      | 10.0   | 10.50  |           | mg/L  |   | 105  | 80 - 120 |
| Lead      | 0.200  | 0.204  |           | mg/L  |   | 102  | 80 - 120 |
| Magnesium | 10.0   | 10.46  |           | mg/L  |   | 105  | 80 - 120 |
| Manganese | 0.200  | 0.208  |           | mg/L  |   | 104  | 80 - 120 |
| Nickel    | 0.200  | 0.209  |           | mg/L  |   | 105  | 80 - 120 |
| Potassium | 10.0   | 10.21  |           | mg/L  |   | 102  | 80 - 120 |
| Selenium  | 0.200  | 0.209  |           | mg/L  |   | 105  | 80 - 120 |
| Silver    | 0.0500 | 0.0505 |           | mg/L  |   | 101  | 80 - 120 |
| Sodium    | 10.0   | 10.09  |           | mg/L  |   | 101  | 80 - 120 |
| Thallium  | 0.200  | 0.205  |           | mg/L  |   | 103  | 80 - 120 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCS 480-168200/2-A**

**Matrix: Water**

**Analysis Batch: 168651**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168200**

| Analyte  | Spike<br>Added | LCS    |           | Unit | D | %Rec | %Rec.    |
|----------|----------------|--------|-----------|------|---|------|----------|
|          |                | Result | Qualifier |      |   |      |          |
| Vanadium | 0.200          | 0.207  |           | mg/L |   | 104  | 80 - 120 |
| Zinc     | 0.200          | 0.207  |           | mg/L |   | 104  | 80 - 120 |

**Lab Sample ID: MB 480-168262/1-A**

**Matrix: Solid**

**Analysis Batch: 168641**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168262**

| Analyte   | MB     |           | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
|           | Result | Qualifier |      |       |       |   |                |                |         |
| Aluminum  | 46.9   | U         | 46.9 | 4.1   | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Antimony  | 70.3   | U         | 70.3 | 0.37  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Arsenic   | 9.4    | U         | 9.4  | 0.37  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Barium    | 2.3    | U ^       | 2.3  | 0.10  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Beryllium | 0.94   | U         | 0.94 | 0.026 | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Cadmium   | 0.94   | U         | 0.94 | 0.028 | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Calcium   | 234    | U         | 234  | 3.1   | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Cobalt    | 2.3    | U         | 2.3  | 0.047 | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Copper    | 4.7    | U         | 4.7  | 0.20  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Lead      | 4.7    | U         | 4.7  | 0.22  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Magnesium | 93.7   | U         | 93.7 | 0.87  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Manganese | 0.233  | J         | 0.94 | 0.030 | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Potassium | 141    | U         | 141  | 18.7  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Selenium  | 18.7   | U         | 18.7 | 0.37  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Silver    | 2.3    | U         | 2.3  | 0.19  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Sodium    | 656    | U         | 656  | 12.2  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Thallium  | 28.1   | U         | 28.1 | 0.28  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Vanadium  | 2.3    | U         | 2.3  | 0.10  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |
| Zinc      | 0.297  | J         | 9.4  | 0.14  | mg/Kg |   | 03/03/14 09:45 | 03/04/14 21:22 | 1       |

**Lab Sample ID: LCSSRM 480-168262/2-A**

**Matrix: Solid**

**Analysis Batch: 168641**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168262**

| Analyte   | Spike<br>Added | LCSSRM |           | Unit  | D | %Rec  | %Rec.       |
|-----------|----------------|--------|-----------|-------|---|-------|-------------|
|           |                | Result | Qualifier |       |   |       |             |
| Aluminum  | 8820           | 6368   |           | mg/Kg |   | 72.2  | 42.0 - 158. |
| Antimony  | 88.0           | 78.03  |           | mg/Kg |   | 88.7  | 26.3 - 289. |
| Arsenic   | 99.4           | 101.5  |           | mg/Kg |   | 102.1 | 69.3 - 130. |
| Barium    | 309            | 301.1  | ^         | mg/Kg |   | 97.3  | 74.2 - 126. |
| Beryllium | 72.2           | 73.62  |           | mg/Kg |   | 102.0 | 73.9 - 126. |
| Cadmium   | 182            | 180.2  |           | mg/Kg |   | 99.2  | 73.6 - 126. |
| Calcium   | 6780           | 6790   |           | mg/Kg |   | 100.2 | 74.2 - 125. |
| Cobalt    | 128            | 133.2  |           | mg/Kg |   | 104.3 | 74.1 - 125. |
| Copper    | 102            | 102.1  |           | mg/Kg |   | 100.3 | 74.3 - 126. |
|           |                |        |           |       |   |       | 5           |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCSSRM 480-168262/2-A**

**Matrix: Solid**

**Analysis Batch: 168641**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168262**

| Analyte   | Spike | LCSSRM | LCSSRM    | Unit  | D | %Rec. |             |
|-----------|-------|--------|-----------|-------|---|-------|-------------|
|           | Added | Result | Qualifier |       |   | %Rec. | Limits      |
| Lead      | 115   | 121.0  |           | mg/Kg |   | 105.4 | 72.1 - 128. |
| Magnesium | 3000  | 2599   |           | mg/Kg |   | 86.5  | 66.1 - 133. |
| Manganese | 322   | 302.1  |           | mg/Kg |   | 93.7  | 74.9 - 125. |
| Potassium | 2830  | 2525   |           | mg/Kg |   | 89.1  | 62.0 - 138. |
| Selenium  | 150   | 152.2  |           | mg/Kg |   | 101.7 | 67.3 - 132. |
| Silver    | 40.3  | 39.66  |           | mg/Kg |   | 98.4  | 65.8 - 133. |
| Sodium    | 2750  | 2730   |           | mg/Kg |   | 99.1  | 65.9 - 134. |
| Thallium  | 174   | 181.8  |           | mg/Kg |   | 104.7 | 69.0 - 131. |
| Vanadium  | 97.4  | 91.02  |           | mg/Kg |   | 93.4  | 65.2 - 135. |
| Zinc      | 161   | 153.1  |           | mg/Kg |   | 95.3  | 68.3 - 131. |
|           |       |        |           |       |   |       | 7           |

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 168641**

**Client Sample ID: LT-T-004-10-12 MS**

**Prep Type: Total/NA**

**Prep Batch: 168262**

| Analyte   | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec. |          |
|-----------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   | %Rec. | Limits   |
| Aluminum  | 5800   |           | 2570  | 11410  | F1        | mg/Kg | ⊗ | 219   | 75 - 125 |
| Antimony  | 0.93   | J         | 51.3  | 42.19  | J         | mg/Kg | ⊗ | 80    | 75 - 125 |
| Arsenic   | 4.3    | J         | 51.3  | 57.52  |           | mg/Kg | ⊗ | 104   | 75 - 125 |
| Barium    | 24.8   | ^         | 51.3  | 82.26  | ^         | mg/Kg | ⊗ | 112   | 75 - 125 |
| Beryllium | 0.24   | J         | 51.3  | 52.39  |           | mg/Kg | ⊗ | 102   | 75 - 125 |
| Cadmium   | 0.17   | J         | 51.3  | 51.29  |           | mg/Kg | ⊗ | 100   | 75 - 125 |
| Calcium   | 1430   |           | 2570  | 4104   |           | mg/Kg | ⊗ | 104   | 75 - 125 |
| Cobalt    | 3.7    |           | 51.3  | 57.32  |           | mg/Kg | ⊗ | 104   | 75 - 125 |
| Copper    | 8.6    |           | 51.3  | 62.41  |           | mg/Kg | ⊗ | 105   | 75 - 125 |
| Lead      | 29.7   |           | 51.3  | 83.50  |           | mg/Kg | ⊗ | 105   | 75 - 125 |
| Magnesium | 1770   |           | 2570  | 4747   |           | mg/Kg | ⊗ | 116   | 75 - 125 |
| Manganese | 217    | B         | 51.3  | 312.4  | 4         | mg/Kg | ⊗ | 186   | 75 - 125 |
| Potassium | 1030   |           | 2570  | 3843   |           | mg/Kg | ⊗ | 110   | 75 - 125 |
| Selenium  | 0.98   | J         | 51.3  | 51.94  |           | mg/Kg | ⊗ | 99    | 75 - 125 |
| Silver    | 3.2    | U         | 12.8  | 12.13  |           | mg/Kg | ⊗ | 95    | 75 - 125 |
| Sodium    | 596    | J         | 2570  | 3119   |           | mg/Kg | ⊗ | 98    | 75 - 125 |
| Thallium  | 38.6   | U         | 51.3  | 51.10  |           | mg/Kg | ⊗ | 100   | 75 - 125 |
| Vanadium  | 16.4   |           | 51.3  | 70.54  |           | mg/Kg | ⊗ | 105   | 75 - 125 |
| Zinc      | 28.7   | B         | 51.3  | 81.77  |           | mg/Kg | ⊗ | 103   | 75 - 125 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168641**

**Client Sample ID: LT-T-004-10-12 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168262**

| Analyte   | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec | Limits   | RPD | RPD | Limit |
|-----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-----|-------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   |      |          |     |     |       |
| Aluminum  | 5800   |           | 2460  | 13320  | F1        | mg/Kg | ⊗ | 306  | 75 - 125 | 15  | 20  |       |
| Antimony  | 0.93   | J         | 49.1  | 43.01  | J         | mg/Kg | ⊗ | 86   | 75 - 125 | 2   | 20  |       |
| Arsenic   | 4.3    | J         | 49.1  | 60.19  |           | mg/Kg | ⊗ | 114  | 75 - 125 | 5   | 20  |       |
| Barium    | 24.8   | ^         | 49.1  | 112.1  | ^ F1 F2   | mg/Kg | ⊗ | 178  | 75 - 125 | 31  | 20  |       |
| Beryllium | 0.24   | J         | 49.1  | 52.41  |           | mg/Kg | ⊗ | 106  | 75 - 125 | 0   | 20  |       |
| Cadmium   | 0.17   | J         | 49.1  | 50.62  |           | mg/Kg | ⊗ | 103  | 75 - 125 | 1   | 20  |       |
| Calcium   | 1430   |           | 2460  | 3712   |           | mg/Kg | ⊗ | 93   | 75 - 125 | 10  | 20  |       |
| Cobalt    | 3.7    |           | 49.1  | 57.32  |           | mg/Kg | ⊗ | 109  | 75 - 125 | 0   | 20  |       |
| Copper    | 8.6    |           | 49.1  | 61.54  |           | mg/Kg | ⊗ | 108  | 75 - 125 | 1   | 20  |       |
| Lead      | 29.7   |           | 49.1  | 121.8  | F1 F2     | mg/Kg | ⊗ | 188  | 75 - 125 | 37  | 20  |       |
| Magnesium | 1770   |           | 2460  | 4218   |           | mg/Kg | ⊗ | 99   | 75 - 125 | 12  | 20  |       |
| Manganese | 217    | B         | 49.1  | 318.1  | 4         | mg/Kg | ⊗ | 206  | 75 - 125 | 2   | 20  |       |
| Potassium | 1030   |           | 2460  | 3167   |           | mg/Kg | ⊗ | 87   | 75 - 125 | 19  | 20  |       |
| Selenium  | 0.98   | J         | 49.1  | 52.07  |           | mg/Kg | ⊗ | 104  | 75 - 125 | 0   | 20  |       |
| Silver    | 3.2    | U         | 12.3  | 12.35  |           | mg/Kg | ⊗ | 101  | 75 - 125 | 2   | 20  |       |
| Sodium    | 596    | J         | 2460  | 2848   |           | mg/Kg | ⊗ | 92   | 75 - 125 | 9   | 20  |       |
| Thallium  | 38.6   | U         | 49.1  | 50.97  |           | mg/Kg | ⊗ | 104  | 75 - 125 | 0   | 20  |       |
| Vanadium  | 16.4   |           | 49.1  | 67.29  |           | mg/Kg | ⊗ | 104  | 75 - 125 | 5   | 20  |       |
| Zinc      | 28.7   | B         | 49.1  | 99.22  | F1        | mg/Kg | ⊗ | 144  | 75 - 125 | 19  | 20  |       |

**Lab Sample ID: MB 480-168482/1-A**

**Matrix: Solid**

**Analysis Batch: 169348**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168482**

| Analyte   | MB     | MB        | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
|           | Result | Qualifier |      |       |       |   |                |                |         |
| Aluminum  | 55.4   | U         | 55.4 | 4.9   | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Antimony  | 83.0   | U         | 83.0 | 0.44  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Arsenic   | 11.1   | U         | 11.1 | 0.44  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Barium    | 2.8    | U         | 2.8  | 0.12  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Beryllium | 1.1    | U         | 1.1  | 0.031 | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Cadmium   | 1.1    | U         | 1.1  | 0.033 | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Calcium   | 277    | U         | 277  | 3.7   | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Chromium  | 2.8    | U         | 2.8  | 0.22  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Cobalt    | 2.8    | U         | 2.8  | 0.055 | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Copper    | 5.5    | U         | 5.5  | 0.23  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Iron      | 1.60   | J         | 55.4 | 1.2   | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Lead      | 5.5    | U         | 5.5  | 0.27  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Magnesium | 111    | U         | 111  | 1.0   | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Manganese | 1.1    | U         | 1.1  | 0.035 | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Nickel    | 27.7   | U         | 27.7 | 0.25  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Potassium | 166    | U         | 166  | 22.1  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Selenium  | 22.1   | U         | 22.1 | 0.44  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Silver    | 2.8    | U         | 2.8  | 0.22  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Sodium    | 775    | U         | 775  | 14.4  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Thallium  | 33.2   | U         | 33.2 | 0.33  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Vanadium  | 2.8    | U         | 2.8  | 0.12  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |
| Zinc      | 0.427  | J         | 11.1 | 0.17  | mg/Kg |   | 03/04/14 14:40 | 03/08/14 02:47 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCSSRM 480-168482/2-A**

**Matrix: Solid**

**Analysis Batch: 169348**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168482**

| Analyte   | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit  | D | %Rec  | Limits      |
|-----------|-------------|---------------|------------------|-------|---|-------|-------------|
| Aluminum  | 9010        | 7072          |                  | mg/Kg |   | 78.5  | 42.0 - 158. |
|           |             |               |                  |       |   | 4     |             |
| Antimony  | 89.9        | 63.22         | J                | mg/Kg |   | 70.4  | 26.3 - 289. |
|           |             |               |                  |       |   | 1     |             |
| Arsenic   | 101         | 98.49         |                  | mg/Kg |   | 97.0  | 69.3 - 130. |
|           |             |               |                  |       |   | 5     |             |
| Barium    | 316         | 297.0         |                  | mg/Kg |   | 94.0  | 74.2 - 126. |
|           |             |               |                  |       |   | 1     |             |
| Beryllium | 73.7        | 71.62         |                  | mg/Kg |   | 97.2  | 73.9 - 126. |
|           |             |               |                  |       |   | 1     |             |
| Cadmium   | 185         | 173.5         |                  | mg/Kg |   | 93.5  | 73.6 - 126. |
|           |             |               |                  |       |   | 4     |             |
| Calcium   | 6920        | 6048          |                  | mg/Kg |   | 87.4  | 74.2 - 125. |
|           |             |               |                  |       |   | 8     |             |
| Chromium  | 139         | 127.4         |                  | mg/Kg |   | 92.0  | 70.4 - 130. |
|           |             |               |                  |       |   | 1     |             |
| Cobalt    | 130         | 130.4         |                  | mg/Kg |   | 100   | 74.1 - 125. |
|           |             |               |                  |       |   | 0     |             |
| Copper    | 104         | 98.74         |                  | mg/Kg |   | 95.0  | 74.3 - 126. |
|           |             |               |                  |       |   | 5     |             |
| Iron      | 12800       | 9604          |                  | mg/Kg |   | 74.8  | 31.0 - 168. |
|           |             |               |                  |       |   | 3     |             |
| Lead      | 117         | 116.2         |                  | mg/Kg |   | 99.2  | 72.1 - 128. |
|           |             |               |                  |       |   | 7     |             |
| Magnesium | 3070        | 2663          |                  | mg/Kg |   | 86.8  | 66.1 - 133. |
|           |             |               |                  |       |   | 9     |             |
| Manganese | 329         | 299.7         |                  | mg/Kg |   | 91.0  | 74.9 - 125. |
|           |             |               |                  |       |   | 1     |             |
| Nickel    | 156         | 159.8         |                  | mg/Kg |   | 102.5 | 73.2 - 126. |
|           |             |               |                  |       |   | 1     |             |
| Potassium | 2890        | 2633          |                  | mg/Kg |   | 91.0  | 62.0 - 138. |
|           |             |               |                  |       |   | 0     |             |
| Selenium  | 153         | 148.2         |                  | mg/Kg |   | 96.9  | 67.3 - 132. |
|           |             |               |                  |       |   | 7     |             |
| Silver    | 41.2        | 38.64         |                  | mg/Kg |   | 93.9  | 65.8 - 133. |
|           |             |               |                  |       |   | 7     |             |
| Sodium    | 2810        | 2589          |                  | mg/Kg |   | 92.1  | 65.9 - 134. |
|           |             |               |                  |       |   | 1     |             |
| Thallium  | 177         | 180.0         |                  | mg/Kg |   | 101.5 | 69.0 - 131. |
|           |             |               |                  |       |   | 6     |             |
| Vanadium  | 99.4        | 85.52         |                  | mg/Kg |   | 86.0  | 65.2 - 135. |
|           |             |               |                  |       |   | 2     |             |
| Zinc      | 164         | 140.0         |                  | mg/Kg |   | 85.3  | 68.3 - 131. |
|           |             |               |                  |       |   | 7     |             |

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 169413**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168482**

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | Limits   |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| Aluminum | 5070          |                  | 2290        | 15510     | F1           | mg/Kg | ⊗ | 456  | 75 - 125 |
| Antimony | 90.8          | U                | 45.7        | 30.44     | J F1         | mg/Kg | ⊗ | 67   | 75 - 125 |
| Arsenic  | 4.9           | J                | 45.7        | 47.33     |              | mg/Kg | ⊗ | 93   | 75 - 125 |
| Barium   | 29.7          |                  | 45.7        | 102.7     | F1           | mg/Kg | ⊗ | 160  | 75 - 125 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 169413**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168482**

| Analyte   | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec  | Limits   | %Rec. |
|-----------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|-------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |       |
| Beryllium | 0.15   | J         | 45.7  | 43.37  |           | mg/Kg | ⊗ | 94    | 75 - 125 |       |
| Cadmium   | 0.22   | J         | 45.7  | 41.95  |           | mg/Kg | ⊗ | 91    | 75 - 125 |       |
| Calcium   | 46800  |           | 2290  | 3728   | 4         | mg/Kg | ⊗ | -1884 | 75 - 125 |       |
| Chromium  | 7.4    |           | 45.7  | 63.82  |           | mg/Kg | ⊗ | 123   | 75 - 125 |       |
| Cobalt    | 6.5    |           | 45.7  | 52.21  |           | mg/Kg | ⊗ | 100   | 75 - 125 |       |
| Copper    | 97.1   |           | 45.7  | 57.61  | F1        | mg/Kg | ⊗ | -86   | 75 - 125 |       |
| Iron      | 16100  | B         | 2290  | 20060  | 4         | mg/Kg | ⊗ | 174   | 75 - 125 |       |
| Lead      | 34.2   |           | 45.7  | 62.84  | F1        | mg/Kg | ⊗ | 63    | 75 - 125 |       |
| Magnesium | 18800  |           | 2290  | 4944   | 4         | mg/Kg | ⊗ | -604  | 75 - 125 |       |
| Manganese | 181    |           | 45.7  | 652.5  | F1        | mg/Kg | ⊗ | 1031  | 75 - 125 |       |
| Nickel    | 8.1    | J         | 45.7  | 58.99  |           | mg/Kg | ⊗ | 111   | 75 - 125 |       |
| Potassium | 741    |           | 2290  | 3669   | F1        | mg/Kg | ⊗ | 128   | 75 - 125 |       |
| Selenium  | 0.55   | J         | 45.7  | 39.76  |           | mg/Kg | ⊗ | 86    | 75 - 125 |       |
| Silver    | 3.0    | U         | 11.4  | 10.40  |           | mg/Kg | ⊗ | 91    | 75 - 125 |       |
| Sodium    | 227    | J         | 2290  | 2382   |           | mg/Kg | ⊗ | 94    | 75 - 125 |       |
| Thallium  | 36.3   | U         | 45.7  | 43.59  |           | mg/Kg | ⊗ | 95    | 75 - 125 |       |
| Vanadium  | 29.5   |           | 45.7  | 68.16  |           | mg/Kg | ⊗ | 84    | 75 - 125 |       |
| Zinc      | 33.2   | B         | 45.7  | 91.56  | F1        | mg/Kg | ⊗ | 128   | 75 - 125 |       |

**Lab Sample ID: 480-55387-20 MSD**

**Matrix: Solid**

**Analysis Batch: 169413**

**Client Sample ID: LT-T-006-4-6 MSD**

**Prep Type: Total/NA**

**Prep Batch: 168482**

| Analyte   | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec  | Limits   | RPD | Limit |
|-----------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|-----|-------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |     |       |
| Aluminum  | 5070   |           | 2490  | 14550  | F1        | mg/Kg | ⊗ | 380   | 75 - 125 | 6   | 20    |
| Antimony  | 90.8   | U         | 49.8  | 36.59  | J F1      | mg/Kg | ⊗ | 73    | 75 - 125 | 18  | 20    |
| Arsenic   | 4.9    | J         | 49.8  | 50.66  |           | mg/Kg | ⊗ | 92    | 75 - 125 | 7   | 20    |
| Barium    | 29.7   |           | 49.8  | 89.03  |           | mg/Kg | ⊗ | 119   | 75 - 125 | 14  | 20    |
| Beryllium | 0.15   | J         | 49.8  | 47.97  |           | mg/Kg | ⊗ | 96    | 75 - 125 | 10  | 20    |
| Cadmium   | 0.22   | J         | 49.8  | 46.09  |           | mg/Kg | ⊗ | 92    | 75 - 125 | 9   | 20    |
| Calcium   | 46800  |           | 2490  | 4189   | 4         | mg/Kg | ⊗ | -1711 | 75 - 125 | 12  | 20    |
| Chromium  | 7.4    |           | 49.8  | 62.57  |           | mg/Kg | ⊗ | 111   | 75 - 125 | 2   | 20    |
| Cobalt    | 6.5    |           | 49.8  | 54.30  |           | mg/Kg | ⊗ | 96    | 75 - 125 | 4   | 20    |
| Copper    | 97.1   |           | 49.8  | 58.42  | F1        | mg/Kg | ⊗ | -78   | 75 - 125 | 1   | 20    |
| Iron      | 16100  | B         | 2490  | 15650  | 4 F2      | mg/Kg | ⊗ | -17   | 75 - 125 | 25  | 20    |
| Lead      | 34.2   |           | 49.8  | 92.64  | F2        | mg/Kg | ⊗ | 117   | 75 - 125 | 38  | 20    |
| Magnesium | 18800  |           | 2490  | 4602   | 4         | mg/Kg | ⊗ | -569  | 75 - 125 | 7   | 20    |
| Manganese | 181    |           | 49.8  | 428.9  | F1 F2     | mg/Kg | ⊗ | 498   | 75 - 125 | 41  | 20    |
| Nickel    | 8.1    | J         | 49.8  | 59.62  |           | mg/Kg | ⊗ | 103   | 75 - 125 | 1   | 20    |
| Potassium | 741    |           | 2490  | 3417   |           | mg/Kg | ⊗ | 107   | 75 - 125 | 7   | 20    |
| Selenium  | 0.55   | J         | 49.8  | 45.81  |           | mg/Kg | ⊗ | 91    | 75 - 125 | 14  | 20    |
| Silver    | 3.0    | U         | 12.5  | 11.74  |           | mg/Kg | ⊗ | 94    | 75 - 125 | 12  | 20    |
| Sodium    | 227    | J         | 2490  | 2518   |           | mg/Kg | ⊗ | 92    | 75 - 125 | 6   | 20    |
| Thallium  | 36.3   | U         | 49.8  | 47.26  |           | mg/Kg | ⊗ | 95    | 75 - 125 | 8   | 20    |
| Vanadium  | 29.5   |           | 49.8  | 69.52  |           | mg/Kg | ⊗ | 80    | 75 - 125 | 2   | 20    |
| Zinc      | 33.2   | B         | 49.8  | 98.87  | F1        | mg/Kg | ⊗ | 132   | 75 - 125 | 8   | 20    |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: MB 480-168484/1-A**

**Matrix: Solid**

**Analysis Batch: 169046**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168484**

| Analyte   | MB     | MB        | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
|           | Result | Qualifier |      |       |       |   |                |                |         |
| Aluminum  | 48.7   | U         | 48.7 | 4.3   | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Antimony  | 73.0   | U         | 73.0 | 0.39  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Arsenic   | 9.7    | U         | 9.7  | 0.39  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Barium    | 2.4    | U         | 2.4  | 0.11  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Beryllium | 0.97   | U         | 0.97 | 0.027 | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Cadmium   | 0.97   | U         | 0.97 | 0.029 | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Calcium   | 243    | U         | 243  | 3.2   | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Chromium  | 2.4    | U         | 2.4  | 0.19  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Cobalt    | 2.4    | U         | 2.4  | 0.049 | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Copper    | 4.9    | U         | 4.9  | 0.20  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Iron      | 3.06   | J         | 48.7 | 1.1   | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Lead      | 4.9    | U         | 4.9  | 0.23  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Magnesium | 97.3   | U         | 97.3 | 0.90  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Manganese | 0.97   | U         | 0.97 | 0.031 | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Nickel    | 24.3   | U         | 24.3 | 0.22  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Potassium | 146    | U         | 146  | 19.5  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Selenium  | 19.5   | U         | 19.5 | 0.39  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Silver    | 2.4    | U         | 2.4  | 0.19  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Sodium    | 681    | U         | 681  | 12.7  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Thallium  | 29.2   | U         | 29.2 | 0.29  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Vanadium  | 2.4    | U         | 2.4  | 0.11  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |
| Zinc      | 0.220  | J         | 9.7  | 0.15  | mg/Kg |   | 03/04/14 15:30 | 03/07/14 04:30 | 1       |

**Lab Sample ID: LCSSRM 480-168484/2-A**

**Matrix: Solid**

**Analysis Batch: 169046**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168484**

| Analyte   | Spike | LCSSRM | LCSSRM    | Unit  | D | %Rec | Limits      | %Rec. |
|-----------|-------|--------|-----------|-------|---|------|-------------|-------|
|           | Added | Result | Qualifier |       |   |      |             |       |
| Aluminum  | 8790  | 5805   |           | mg/Kg |   | 66.1 | 42.0 - 158. | 4     |
| Antimony  | 87.7  | 70.91  | J         | mg/Kg |   | 80.9 | 26.3 - 289. | 1     |
| Arsenic   | 99.0  | 91.77  |           | mg/Kg |   | 92.7 | 69.3 - 130. | 5     |
| Barium    | 308   | 264.9  |           | mg/Kg |   | 86.0 | 74.2 - 126. | 1     |
| Beryllium | 71.9  | 59.19  |           | mg/Kg |   | 82.4 | 73.9 - 126. | 1     |
| Cadmium   | 181   | 160.3  |           | mg/Kg |   | 88.6 | 73.6 - 126. | 4     |
| Calcium   | 6750  | 5736   |           | mg/Kg |   | 85.0 | 74.2 - 125. | 8     |
| Chromium  | 135   | 116.1  |           | mg/Kg |   | 85.9 | 70.4 - 130. | 1     |
| Cobalt    | 127   | 116.3  |           | mg/Kg |   | 91.4 | 74.1 - 125. | 0     |
| Copper    | 101   | 92.34  |           | mg/Kg |   | 91.1 | 74.3 - 126. | 5     |
| Iron      | 12500 | 8218   |           | mg/Kg |   | 65.6 | 31.0 - 168. | 3     |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCSSRM 480-168484/2-A**

**Matrix: Solid**

**Analysis Batch: 169046**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168484**

| Analyte   | Spike | LCSSRM | LCSSRM    | Unit  | D | %Rec | %Rec.       |
|-----------|-------|--------|-----------|-------|---|------|-------------|
|           | Added | Result | Qualifier |       |   |      |             |
| Lead      | 114   | 106.9  |           | mg/Kg |   | 93.6 | 72.1 - 128. |
| Magnesium | 2990  | 2251   |           | mg/Kg |   | 75.3 | 66.1 - 133. |
| Manganese | 321   | 276.6  |           | mg/Kg |   | 86.2 | 74.9 - 125. |
| Nickel    | 152   | 143.0  |           | mg/Kg |   | 94.1 | 73.2 - 126. |
| Potassium | 2820  | 2226   |           | mg/Kg |   | 78.9 | 62.0 - 138. |
| Selenium  | 149   | 141.1  |           | mg/Kg |   | 94.7 | 67.3 - 132. |
| Silver    | 40.2  | 34.17  |           | mg/Kg |   | 85.1 | 65.8 - 133. |
| Sodium    | 2740  | 2381   |           | mg/Kg |   | 86.8 | 65.9 - 134. |
| Thallium  | 173   | 157.6  |           | mg/Kg |   | 91.1 | 69.0 - 131. |
| Vanadium  | 97.0  | 78.45  |           | mg/Kg |   | 80.9 | 65.2 - 135. |
| Zinc      | 160   | 138.2  |           | mg/Kg |   | 86.4 | 68.3 - 131. |
|           |       |        |           |       |   |      | 7           |

**Lab Sample ID: 480-55387-35 MS**

**Matrix: Solid**

**Analysis Batch: 169046**

**Client Sample ID: LT-T-011-2-4**

**Prep Type: Total/NA**

**Prep Batch: 168484**

| Analyte   | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec | %Rec.    |
|-----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   |      |          |
| Aluminum  | 4800   |           | 2290  | 8548   | F1        | mg/Kg | ⊗ | 164  | 75 - 125 |
| Antimony  | 49.2   | J         | 45.8  | 87.98  |           | mg/Kg | ⊗ | 85   | 75 - 125 |
| Arsenic   | 86.3   |           | 45.8  | 144.0  | F1        | mg/Kg | ⊗ | 126  | 75 - 125 |
| Barium    | 77.1   |           | 45.8  | 107.4  | F1        | mg/Kg | ⊗ | 66   | 75 - 125 |
| Beryllium | 0.21   | J         | 45.8  | 42.79  |           | mg/Kg | ⊗ | 93   | 75 - 125 |
| Cadmium   | 1.5    |           | 45.8  | 46.59  |           | mg/Kg | ⊗ | 98   | 75 - 125 |
| Calcium   | 16600  |           | 2290  | 18200  | 4         | mg/Kg | ⊗ | 68   | 75 - 125 |
| Chromium  | 20.4   |           | 45.8  | 72.95  |           | mg/Kg | ⊗ | 115  | 75 - 125 |
| Cobalt    | 16.9   |           | 45.8  | 76.60  | F1        | mg/Kg | ⊗ | 131  | 75 - 125 |
| Copper    | 102    |           | 45.8  | 198.1  | F1        | mg/Kg | ⊗ | 209  | 75 - 125 |
| Iron      | 17800  | B         | 2290  | 52700  | 4         | mg/Kg | ⊗ | 1526 | 75 - 125 |
| Lead      | 252    |           | 45.8  | 309.2  | 4         | mg/Kg | ⊗ | 126  | 75 - 125 |
| Magnesium | 3560   |           | 2290  | 9894   | F1        | mg/Kg | ⊗ | 277  | 75 - 125 |
| Manganese | 255    |           | 45.8  | 429.8  | 4         | mg/Kg | ⊗ | 381  | 75 - 125 |
| Nickel    | 40.6   |           | 45.8  | 105.8  | F1        | mg/Kg | ⊗ | 142  | 75 - 125 |
| Potassium | 577    |           | 2290  | 2891   |           | mg/Kg | ⊗ | 101  | 75 - 125 |
| Selenium  | 17.9   | J         | 45.8  | 55.98  |           | mg/Kg | ⊗ | 83   | 75 - 125 |
| Silver    | 3.1    |           | 11.4  | 12.50  |           | mg/Kg | ⊗ | 82   | 75 - 125 |
| Sodium    | 141    | J         | 2290  | 2393   |           | mg/Kg | ⊗ | 98   | 75 - 125 |
| Thallium  | 33.2   | U         | 45.8  | 42.40  |           | mg/Kg | ⊗ | 93   | 75 - 125 |
| Vanadium  | 18.8   |           | 45.8  | 63.50  |           | mg/Kg | ⊗ | 98   | 75 - 125 |
| Zinc      | 172    | B         | 45.8  | 451.0  | F1        | mg/Kg | ⊗ | 609  | 75 - 125 |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: 480-55387-35 MSD**

**Matrix: Solid**

**Analysis Batch: 169046**

**Client Sample ID: LT-T-011-2-4**

**Prep Type: Total/NA**

**Prep Batch: 168484**

| Analyte   | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec | Limits   | RPD | RPD | Limit |
|-----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-----|-------|
|           | Result | Qualifier | Added | Result | Qualifier |       |   |      |          |     |     |       |
| Aluminum  | 4800   |           | 2380  | 9595   | F1        | mg/Kg | ⊗ | 201  | 75 - 125 | 12  | 20  |       |
| Antimony  | 49.2   | J         | 47.7  | 83.31  | J F1      | mg/Kg | ⊗ | 71   | 75 - 125 | 5   | 20  |       |
| Arsenic   | 86.3   |           | 47.7  | 129.8  |           | mg/Kg | ⊗ | 91   | 75 - 125 | 10  | 20  |       |
| Barium    | 77.1   |           | 47.7  | 113.6  |           | mg/Kg | ⊗ | 77   | 75 - 125 | 6   | 20  |       |
| Beryllium | 0.21   | J         | 47.7  | 44.45  |           | mg/Kg | ⊗ | 93   | 75 - 125 | 4   | 20  |       |
| Cadmium   | 1.5    |           | 47.7  | 48.13  |           | mg/Kg | ⊗ | 98   | 75 - 125 | 3   | 20  |       |
| Calcium   | 16600  |           | 2380  | 37190  | 4 F2      | mg/Kg | ⊗ | 863  | 75 - 125 | 69  | 20  |       |
| Chromium  | 20.4   |           | 47.7  | 68.42  |           | mg/Kg | ⊗ | 101  | 75 - 125 | 6   | 20  |       |
| Cobalt    | 16.9   |           | 47.7  | 67.45  |           | mg/Kg | ⊗ | 106  | 75 - 125 | 13  | 20  |       |
| Copper    | 102    |           | 47.7  | 164.7  | F1        | mg/Kg | ⊗ | 130  | 75 - 125 | 18  | 20  |       |
| Iron      | 17800  | B         | 2380  | 22020  | 4 F2      | mg/Kg | ⊗ | 178  | 75 - 125 | 82  | 20  |       |
| Lead      | 252    |           | 47.7  | 278.4  | 4         | mg/Kg | ⊗ | 56   | 75 - 125 | 10  | 20  |       |
| Magnesium | 3560   |           | 2380  | 13660  | F1 F2     | mg/Kg | ⊗ | 424  | 75 - 125 | 32  | 20  |       |
| Manganese | 255    |           | 47.7  | 299.0  | 4 F2      | mg/Kg | ⊗ | 92   | 75 - 125 | 36  | 20  |       |
| Nickel    | 40.6   |           | 47.7  | 93.50  |           | mg/Kg | ⊗ | 111  | 75 - 125 | 12  | 20  |       |
| Potassium | 577    |           | 2390  | 3116   |           | mg/Kg | ⊗ | 106  | 75 - 125 | 7   | 20  |       |
| Selenium  | 17.9   | J         | 47.7  | 65.65  |           | mg/Kg | ⊗ | 100  | 75 - 125 | 16  | 20  |       |
| Silver    | 3.1    |           | 11.9  | 14.48  |           | mg/Kg | ⊗ | 96   | 75 - 125 | 15  | 20  |       |
| Sodium    | 141    | J         | 2390  | 2531   |           | mg/Kg | ⊗ | 100  | 75 - 125 | 6   | 20  |       |
| Thallium  | 33.2   | U         | 47.7  | 45.51  |           | mg/Kg | ⊗ | 95   | 75 - 125 | 7   | 20  |       |
| Vanadium  | 18.8   |           | 47.7  | 65.88  |           | mg/Kg | ⊗ | 99   | 75 - 125 | 4   | 20  |       |
| Zinc      | 172    | B         | 47.7  | 250.4  | F1 F2     | mg/Kg | ⊗ | 164  | 75 - 125 | 57  | 20  |       |

**Lab Sample ID: MB 480-168987/1-A**

**Matrix: Solid**

**Analysis Batch: 169591**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168987**

| Analyte  | MB     | MB        | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
|          | Result | Qualifier |      |      |       |   |                |                |         |
| Chromium | 2.5    | U         | 2.5  | 0.20 | mg/Kg |   | 03/07/14 07:15 | 03/10/14 17:58 | 1       |
| Iron     | 2.80   | J         | 50.6 | 1.1  | mg/Kg |   | 03/07/14 07:15 | 03/10/14 17:58 | 1       |
| Nickel   | 25.3   | U         | 25.3 | 0.23 | mg/Kg |   | 03/07/14 07:15 | 03/10/14 17:58 | 1       |

**Lab Sample ID: LCSSRM 480-168987/2-A**

**Matrix: Solid**

**Analysis Batch: 169591**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168987**

| Analyte  | Spike | LCSSRM | LCSSRM    | Unit  | D | %Rec  | Limits      |
|----------|-------|--------|-----------|-------|---|-------|-------------|
|          | Added | Result | Qualifier |       |   |       |             |
| Chromium | 136   | 132.1  |           | mg/Kg |   | 97.3  | 70.4 - 130. |
| Iron     | 12600 | 10400  |           | mg/Kg |   | 82.6  | 31.0 - 168. |
| Nickel   | 153   | 158.8  |           | mg/Kg |   | 103.9 | 73.2 - 126. |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 169591**

| Analyte  | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec | %Rec.    |  |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|
|          | Result | Qualifier | Added | Result | Qualifier |       |   |      | RPD      |  |
| Chromium | 12.0   |           | 51.9  | 65.16  |           | mg/Kg | ⊗ | 103  | 75 - 125 |  |
| Iron     | 12300  | B         | 2590  | 14790  | 4         | mg/Kg | ⊗ | 95   | 75 - 125 |  |
| Nickel   | 7.2    | J         | 51.9  | 62.93  |           | mg/Kg | ⊗ | 107  | 75 - 125 |  |

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 169591**

| Analyte  | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec | %Rec.    |       |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-------|
|          | Result | Qualifier | Added | Result | Qualifier |       |   |      | RPD      | Limit |
| Chromium | 12.0   |           | 46.7  | 61.56  |           | mg/Kg | ⊗ | 106  | 75 - 125 | 6     |
| Iron     | 12300  | B         | 2340  | 18090  | 4         | mg/Kg | ⊗ | 246  | 75 - 125 | 20    |
| Nickel   | 7.2    | J         | 46.7  | 58.69  |           | mg/Kg | ⊗ | 110  | 75 - 125 | 7     |

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 480-168406/1-A**

**Matrix: Water**

**Analysis Batch: 168578**

| Analyte | MB      | MB        | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|---------|-----------|---------|---------|------|---|----------------|----------------|---------|
|         | Result  | Qualifier |         |         |      |   |                |                |         |
| Mercury | 0.00020 | U         | 0.00020 | 0.00012 | mg/L | D | 03/04/14 09:10 | 03/04/14 16:03 | 1       |

**Lab Sample ID: LCS 480-168406/2-A**

**Matrix: Water**

**Analysis Batch: 168578**

| Analyte | Spike   | LCSSRM  | LCSSRM    | Unit | D | %Rec | Limits   |
|---------|---------|---------|-----------|------|---|------|----------|
|         | Added   | Result  | Qualifier |      |   |      |          |
| Mercury | 0.00667 | 0.00645 |           | mg/L | D | 97   | 80 - 120 |

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

**Lab Sample ID: MB 480-168217/1-A**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | MB     | MB        | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
|         | Result | Qualifier |       |        |       |   |                |                |         |
| Mercury | 0.020  | U         | 0.020 | 0.0081 | mg/Kg | D | 03/03/14 09:45 | 03/03/14 13:16 | 1       |

**Lab Sample ID: LCSSRM 480-168217/2-A**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | Spike | LCSSRM | LCSSRM    | Unit  | D | %Rec | Limits      |
|---------|-------|--------|-----------|-------|---|------|-------------|
|         | Added | Result | Qualifier |       |   |      |             |
| Mercury | 3.77  | 2.56   |           | mg/Kg | D | 67.8 | 50.9 - 149. |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

TestAmerica Job ID: 480-55387-1

Project/Site: Glen Isle: Data Gap Field Program

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique) (Continued)

**Lab Sample ID: 480-55387-9 MS**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec. | Limits   |
|---------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|
|         | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |
| Mercury | 0.059  |           | 0.393 | 0.351  | F1        | mg/Kg | ⊗ | 75    | 80 - 120 |

**Lab Sample ID: 480-55387-9 MSD**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec. | Limits   | RPD | Limit |
|---------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|-----|-------|
|         | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |     |       |
| Mercury | 0.059  |           | 0.403 | 0.372  | F1        | mg/Kg | ⊗ | 78    | 80 - 120 | 6   | 20    |

**Lab Sample ID: MB 480-168219/1-A**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | MB     | MB        | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
|         | Result | Qualifier |       |        |       |   |                |                |         |
| Mercury | 0.020  | U         | 0.020 | 0.0080 | mg/Kg | ⊗ | 03/03/14 09:45 | 03/03/14 14:20 | 1       |

**Lab Sample ID: LCSSRM 480-168219/2-A**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | Spike | LCSSRM | LCSSRM    | Unit  | D | %Rec. | Limits      |
|---------|-------|--------|-----------|-------|---|-------|-------------|
|         | Added | Result | Qualifier |       |   |       |             |
| Mercury | 3.77  | 2.30   |           | mg/Kg | ⊗ | 61.0  | 50.9 - 149. |

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168219**

**Client Sample ID: LT-T-006-4-6 MS**

**Prep Type: Total/NA**

**Prep Batch: 168219**

**Lab Sample ID: 480-55387-20 MS**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | Sample | Sample    | Spike | MS     | MS        | Unit  | D | %Rec. | Limits   |
|---------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|
|         | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |
| Mercury | 0.043  |           | 0.374 | 0.306  | F1        | mg/Kg | ⊗ | 71    | 80 - 120 |

**Lab Sample ID: 480-55387-20 MSD**

**Matrix: Solid**

**Analysis Batch: 168315**

| Analyte | Sample | Sample    | Spike | MSD    | MSD       | Unit  | D | %Rec. | Limits   | RPD |
|---------|--------|-----------|-------|--------|-----------|-------|---|-------|----------|-----|
|         | Result | Qualifier | Added | Result | Qualifier |       |   |       |          |     |
| Mercury | 0.043  |           | 0.390 | 0.447  | F2        | mg/Kg | ⊗ | 104   | 80 - 120 | 37  |

**Lab Sample ID: MB 480-168299/1-A**

**Matrix: Solid**

**Analysis Batch: 168485**

| Analyte | MB     | MB        | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
|         | Result | Qualifier |       |        |       |   |                |                |         |
| Mercury | 0.020  | U         | 0.020 | 0.0081 | mg/Kg | ⊗ | 03/04/14 07:30 | 03/04/14 10:38 | 1       |

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

TestAmerica Job ID: 480-55387-1

Project/Site: Glen Isle: Data Gap Field Program

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique) (Continued)

**Lab Sample ID: LCSSRM 480-168299/2-A**

**Matrix: Solid**

**Analysis Batch: 168485**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168299**

| Analyte | Spike | LCSSRM | LCSSRM    |       |   |      | %Rec.       | Limits |
|---------|-------|--------|-----------|-------|---|------|-------------|--------|
|         | Added | Result | Qualifier | Unit  | D | %Rec |             |        |
| Mercury | 3.77  | 3.55   |           | mg/Kg |   | 94.1 | 50.9 - 149. | 1      |

**Lab Sample ID: 480-55387-31 MS**

**Matrix: Solid**

**Analysis Batch: 168485**

**Client Sample ID: LT-T-010-0-2**

**Prep Type: Total/NA**

**Prep Batch: 168299**

| Analyte | Sample | Sample    | Spike | MS     | MS        |       |   |      | %Rec.    |
|---------|--------|-----------|-------|--------|-----------|-------|---|------|----------|
|         | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |
| Mercury | 0.071  |           | 0.353 | 0.348  | F1        | mg/Kg | ☒ | 79   | 80 - 120 |

**Lab Sample ID: 480-55387-31 MSD**

**Matrix: Solid**

**Analysis Batch: 168485**

**Client Sample ID: LT-T-010-0-2**

**Prep Type: Total/NA**

**Prep Batch: 168299**

| Analyte | Sample | Sample    | Spike | MSD    | MSD       |       |   |      | %Rec.    | RPD |       |
|---------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
|         | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
| Mercury | 0.071  |           | 0.353 | 0.354  |           | mg/Kg | ☒ | 80   | 80 - 120 | 2   | 20    |

**Lab Sample ID: MB 480-168602/1-A**

**Matrix: Solid**

**Analysis Batch: 168697**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168602**

| Analyte | MB     | MB        |       |        |       | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
|         | Result | Qualifier | RL    | MDL    | Unit  |   |                |                |         |
| Mercury | 0.019  | U         | 0.019 | 0.0076 | mg/Kg |   | 03/05/14 08:05 | 03/05/14 11:23 | 1       |

**Lab Sample ID: LCSSRM 480-168602/2-A**

**Matrix: Solid**

**Analysis Batch: 168697**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168602**

| Analyte | Spike | LCSSRM | LCSSRM    |       |   |      | %Rec.       |
|---------|-------|--------|-----------|-------|---|------|-------------|
|         | Added | Result | Qualifier | Unit  | D | %Rec |             |
| Mercury | 3.77  | 3.29   |           | mg/Kg |   | 87.3 | 50.9 - 149. |

1

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC/MS VOA

### Analysis Batch: 168183

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 480-55387-3       | LT-T-001-10-12         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-9       | LT-T-004-10-12         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-12      | LT-T-003-10-12         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-15      | LT-T-007-14-16         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-18      | LT-T-005-16-19         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-29      | LT-T-012-4-6           | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-33      | LT-T-010-7-8.5         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-36      | LT-T-011-6.5-8         | Total/NA  | Solid  | 8260C  | 168187     |
| 480-55387-39      | LT-T-009-12-14         | Total/NA  | Solid  | 8260C  | 168187     |
| LCS 480-168183/6  | Lab Control Sample     | Total/NA  | Solid  | 8260C  | 9          |
| LCSD 480-168183/7 | Lab Control Sample Dup | Total/NA  | Solid  | 8260C  |            |
| MB 480-168183/8   | Method Blank           | Total/NA  | Solid  | 8260C  | 10         |

### Analysis Batch: 168185

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30     | FB033              | Total/NA  | Water  | 8260C  | 12         |
| 480-55387-40     | TB                 | Total/NA  | Water  | 8260C  |            |
| LCS 480-168185/5 | Lab Control Sample | Total/NA  | Water  | 8260C  | 13         |
| MB 480-168185/6  | Method Blank       | Total/NA  | Water  | 8260C  |            |

### Prep Batch: 168187

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 480-55387-3   | LT-T-001-10-12   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-9   | LT-T-004-10-12   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-12  | LT-T-003-10-12   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-15  | LT-T-007-14-16   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-18  | LT-T-005-16-19   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-29  | LT-T-012-4-6     | Total/NA  | Solid  | 5035A  |            |
| 480-55387-33  | LT-T-010-7-8.5   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-36  | LT-T-011-6.5-8   | Total/NA  | Solid  | 5035A  |            |
| 480-55387-39  | LT-T-009-12-14   | Total/NA  | Solid  | 5035A  |            |

### Analysis Batch: 168268

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-6      | LT-T-002-12-14     | Total/NA  | Solid  | 8260C  | 168272     |
| 480-55387-9 MS   | LT-T-004-10-12 MS  | Total/NA  | Solid  | 8260C  | 168272     |
| 480-55387-9 MSD  | LT-T-004-10-12 MSD | Total/NA  | Solid  | 8260C  | 168272     |
| 480-55387-21     | LT-T-006-12-14     | Total/NA  | Solid  | 8260C  | 168272     |
| 480-55387-24     | LT-T-008-14-16     | Total/NA  | Solid  | 8260C  | 168272     |
| LCS 480-168268/6 | Lab Control Sample | Total/NA  | Solid  | 8260C  |            |
| MB 480-168268/7  | Method Blank       | Total/NA  | Solid  | 8260C  |            |

### Prep Batch: 168272

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 480-55387-6     | LT-T-002-12-14     | Total/NA  | Solid  | 5035A  |            |
| 480-55387-9 MS  | LT-T-004-10-12 MS  | Total/NA  | Solid  | 5035A  |            |
| 480-55387-9 MSD | LT-T-004-10-12 MSD | Total/NA  | Solid  | 5035A  |            |
| 480-55387-21    | LT-T-006-12-14     | Total/NA  | Solid  | 5035A  |            |
| 480-55387-24    | LT-T-008-14-16     | Total/NA  | Solid  | 5035A  |            |

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC/MS Semi VOA

### Prep Batch: 168313

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 3510C  |            |
| LCS 480-168313/2-A | Lab Control Sample | Total/NA  | Water  | 3510C  |            |
| MB 480-168313/1-A  | Method Blank       | Total/NA  | Water  | 3510C  |            |

### Analysis Batch: 168360

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 8270D  | 168313     |
| LCS 480-168313/2-A | Lab Control Sample | Total/NA  | Water  | 8270D  | 168313     |
| MB 480-168313/1-A  | Method Blank       | Total/NA  | Water  | 8270D  | 168313     |

### Prep Batch: 168599

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1        | LT-T-001-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-2        | LT-T-001-8-10      | Total/NA  | Solid  | 3550C  |            |
| 480-55387-3        | LT-T-001-10-12     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-4        | LT-T-002-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-5        | LT-T-002-2-4       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-6        | LT-T-002-12-14     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-7        | LT-T-004-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-8        | LT-T-004-4-6       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-9        | LT-T-004-10-12     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-9 MS     | LT-T-004-10-12 MS  | Total/NA  | Solid  | 3550C  |            |
| 480-55387-9 MSD    | LT-T-004-10-12 MSD | Total/NA  | Solid  | 3550C  |            |
| 480-55387-10       | LT-T-003-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-11       | LT-T-003-6-8       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-12       | LT-T-003-10-12     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-13       | LT-T-007-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-14       | LT-T-007-6-8       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-15       | LT-T-007-14-16     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-16       | LT-T-005-0-2       | Total/NA  | Solid  | 3550C  |            |
| LCS 480-168599/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  |            |
| MB 480-168599/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  |            |

### Prep Batch: 168600

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 480-55387-17     | LT-T-005-4-6     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-18     | LT-T-005-16-19   | Total/NA  | Solid  | 3550C  |            |
| 480-55387-19     | LT-T-006-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-20     | LT-T-006-4-6     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-20 MS  | LT-T-006-4-6 MS  | Total/NA  | Solid  | 3550C  |            |
| 480-55387-20 MSD | LT-T-006-4-6 MSD | Total/NA  | Solid  | 3550C  |            |
| 480-55387-21     | LT-T-006-12-14   | Total/NA  | Solid  | 3550C  |            |
| 480-55387-22     | LT-T-008-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-23     | LT-T-008-6-8     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-24     | LT-T-008-14-16   | Total/NA  | Solid  | 3550C  |            |
| 480-55387-25     | DUP035           | Total/NA  | Solid  | 3550C  |            |
| 480-55387-26     | DUP036           | Total/NA  | Solid  | 3550C  |            |
| 480-55387-27     | LT-T-012-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-28     | LT-T-012-2-4     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-29     | LT-T-012-4-6     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-31     | LT-T-010-0-2     | Total/NA  | Solid  | 3550C  |            |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 168600 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-32       | LT-T-010-2-4       | Total/NA  | Solid  | 3550C  | 5          |
| 480-55387-33       | LT-T-010-7-8.5     | Total/NA  | Solid  | 3550C  | 5          |
| 480-55387-34       | LT-T-011-0-2       | Total/NA  | Solid  | 3550C  | 5          |
| 480-55387-35       | LT-T-011-2-4       | Total/NA  | Solid  | 3550C  | 5          |
| 480-55387-36       | LT-T-011-6.5-8     | Total/NA  | Solid  | 3550C  | 5          |
| LCS 480-168600/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  | 5          |
| MB 480-168600/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  | 5          |

### Prep Batch: 168716

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-37       | LT-T-009-0-2       | Total/NA  | Solid  | 3550C  | 9          |
| 480-55387-38       | LT-T-009-4-6       | Total/NA  | Solid  | 3550C  | 10         |
| 480-55387-39       | LT-T-009-12-14     | Total/NA  | Solid  | 3550C  | 10         |
| LCS 480-168716/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  | 11         |
| MB 480-168716/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  | 11         |

### Analysis Batch: 168768

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1        | LT-T-001-0-2       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-4        | LT-T-002-0-2       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-5        | LT-T-002-2-4       | Total/NA  | Solid  | 8270D  | 168599     |
| LCS 480-168599/2-A | Lab Control Sample | Total/NA  | Solid  | 8270D  | 168599     |
| MB 480-168599/1-A  | Method Blank       | Total/NA  | Solid  | 8270D  | 168599     |

### Analysis Batch: 168914

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 480-55387-2     | LT-T-001-8-10      | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-3     | LT-T-001-10-12     | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-6     | LT-T-002-12-14     | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-7     | LT-T-004-0-2       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-8     | LT-T-004-4-6       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-9     | LT-T-004-10-12     | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-9 MS  | LT-T-004-10-12 MS  | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-9 MSD | LT-T-004-10-12 MSD | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-10    | LT-T-003-0-2       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-11    | LT-T-003-6-8       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-12    | LT-T-003-10-12     | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-13    | LT-T-007-0-2       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-14    | LT-T-007-6-8       | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-15    | LT-T-007-14-16     | Total/NA  | Solid  | 8270D  | 168599     |
| 480-55387-16    | LT-T-005-0-2       | Total/NA  | Solid  | 8270D  | 168599     |

### Analysis Batch: 168928

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-37       | LT-T-009-0-2       | Total/NA  | Solid  | 8270D  | 168716     |
| 480-55387-38       | LT-T-009-4-6       | Total/NA  | Solid  | 8270D  | 168716     |
| 480-55387-39       | LT-T-009-12-14     | Total/NA  | Solid  | 8270D  | 168716     |
| LCS 480-168716/2-A | Lab Control Sample | Total/NA  | Solid  | 8270D  | 168716     |
| MB 480-168716/1-A  | Method Blank       | Total/NA  | Solid  | 8270D  | 168716     |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 168979

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-17       | LT-T-005-4-6       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-18       | LT-T-005-16-19     | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-19       | LT-T-006-0-2       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-20       | LT-T-006-4-6       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-20 MS    | LT-T-006-4-6 MS    | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-20 MSD   | LT-T-006-4-6 MSD   | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-21       | LT-T-006-12-14     | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-22       | LT-T-008-0-2       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-23       | LT-T-008-6-8       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-24       | LT-T-008-14-16     | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-25       | DUP035             | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-26       | DUP036             | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-27       | LT-T-012-0-2       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-28       | LT-T-012-2-4       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-29       | LT-T-012-4-6       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-31       | LT-T-010-0-2       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-32       | LT-T-010-2-4       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-33       | LT-T-010-7-8.5     | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-34       | LT-T-011-0-2       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-35       | LT-T-011-2-4       | Total/NA  | Solid  | 8270D  | 168600     |
| 480-55387-36       | LT-T-011-6.5-8     | Total/NA  | Solid  | 8270D  | 168600     |
| LCS 480-168600/2-A | Lab Control Sample | Total/NA  | Solid  | 8270D  | 168600     |
| MB 480-168600/1-A  | Method Blank       | Total/NA  | Solid  | 8270D  | 168600     |

## GC Semi VOA

### Prep Batch: 168567

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 3510C  |            |
| LCS 480-168567/2-A | Lab Control Sample | Total/NA  | Water  | 3510C  |            |
| MB 480-168567/1-A  | Method Blank       | Total/NA  | Water  | 3510C  |            |

### Prep Batch: 168593

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-6        | LT-T-002-12-14     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-12       | LT-T-003-10-12     | Total/NA  | Solid  | 3550C  |            |
| LCS 480-168593/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  |            |
| MB 480-168593/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  |            |

### Prep Batch: 168598

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-25       | DUP035             | Total/NA  | Solid  | 3550C  |            |
| 480-55387-28       | LT-T-012-2-4       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-33       | LT-T-010-7-8.5     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-36       | LT-T-011-6.5-8     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-39       | LT-T-009-12-14     | Total/NA  | Solid  | 3550C  |            |
| LCS 480-168598/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  |            |
| MB 480-168598/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  |            |

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC Semi VOA (Continued)

### Analysis Batch: 168609

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-6        | LT-T-002-12-14     | Total/NA  | Solid  | 8081B  | 168593     |
| 480-55387-12       | LT-T-003-10-12     | Total/NA  | Solid  | 8081B  | 168593     |
| 480-55387-25       | DUP035             | Total/NA  | Solid  | 8081B  | 168598     |
| 480-55387-28       | LT-T-012-2-4       | Total/NA  | Solid  | 8081B  | 168598     |
| 480-55387-30       | FB033              | Total/NA  | Water  | 8081B  | 168567     |
| 480-55387-33       | LT-T-010-7-8.5     | Total/NA  | Solid  | 8081B  | 168598     |
| 480-55387-36       | LT-T-011-6.5-8     | Total/NA  | Solid  | 8081B  | 168598     |
| 480-55387-39       | LT-T-009-12-14     | Total/NA  | Solid  | 8081B  | 168598     |
| LCS 480-168567/2-A | Lab Control Sample | Total/NA  | Water  | 8081B  | 168567     |
| LCS 480-168593/2-A | Lab Control Sample | Total/NA  | Solid  | 8081B  | 168593     |
| LCS 480-168598/2-A | Lab Control Sample | Total/NA  | Solid  | 8081B  | 168598     |
| MB 480-168567/1-A  | Method Blank       | Total/NA  | Water  | 8081B  | 168567     |
| MB 480-168593/1-A  | Method Blank       | Total/NA  | Solid  | 8081B  | 168593     |
| MB 480-168598/1-A  | Method Blank       | Total/NA  | Solid  | 8081B  | 168598     |

### Analysis Batch: 168808

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-20       | LT-T-006-4-6       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-20 MS    | LT-T-006-4-6 MS    | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-20 MSD   | LT-T-006-4-6 MSD   | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-21       | LT-T-006-12-14     | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-22       | LT-T-008-0-2       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-23       | LT-T-008-6-8       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-24       | LT-T-008-14-16     | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-26       | DUP036             | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-27       | LT-T-012-0-2       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-29       | LT-T-012-4-6       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-31       | LT-T-010-0-2       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-32       | LT-T-010-2-4       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-34       | LT-T-011-0-2       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-35       | LT-T-011-2-4       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-37       | LT-T-009-0-2       | Total/NA  | Solid  | 8081B  | 168818     |
| 480-55387-38       | LT-T-009-4-6       | Total/NA  | Solid  | 8081B  | 168818     |
| LCS 480-168818/2-A | Lab Control Sample | Total/NA  | Solid  | 8081B  | 168818     |
| MB 480-168818/1-A  | Method Blank       | Total/NA  | Solid  | 8081B  | 168818     |

### Analysis Batch: 168812

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1     | LT-T-001-0-2       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-2     | LT-T-001-8-10      | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-3     | LT-T-001-10-12     | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-4     | LT-T-002-0-2       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-5     | LT-T-002-2-4       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-7     | LT-T-004-0-2       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-8     | LT-T-004-4-6       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-9     | LT-T-004-10-12     | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-9 MS  | LT-T-004-10-12 MS  | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-9 MSD | LT-T-004-10-12 MSD | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-10    | LT-T-003-0-2       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-11    | LT-T-003-6-8       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-13    | LT-T-007-0-2       | Total/NA  | Solid  | 8081B  | 168815     |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC Semi VOA (Continued)

### Analysis Batch: 168812 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-14       | LT-T-007-6-8       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-15       | LT-T-007-14-16     | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-16       | LT-T-005-0-2       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-17       | LT-T-005-4-6       | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-18       | LT-T-005-16-19     | Total/NA  | Solid  | 8081B  | 168815     |
| 480-55387-19       | LT-T-006-0-2       | Total/NA  | Solid  | 8081B  | 168815     |
| LCS 480-168815/2-A | Lab Control Sample | Total/NA  | Solid  | 8081B  | 168815     |
| MB 480-168815/1-A  | Method Blank       | Total/NA  | Solid  | 8081B  | 168815     |

### Prep Batch: 168815

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1        | LT-T-001-0-2       | Total/NA  | Solid  | 3550C  | 10         |
| 480-55387-2        | LT-T-001-8-10      | Total/NA  | Solid  | 3550C  | 11         |
| 480-55387-3        | LT-T-001-10-12     | Total/NA  | Solid  | 3550C  | 12         |
| 480-55387-4        | LT-T-002-0-2       | Total/NA  | Solid  | 3550C  | 13         |
| 480-55387-5        | LT-T-002-2-4       | Total/NA  | Solid  | 3550C  | 14         |
| 480-55387-7        | LT-T-004-0-2       | Total/NA  | Solid  | 3550C  | 15         |
| 480-55387-8        | LT-T-004-4-6       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-9        | LT-T-004-10-12     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-9 MS     | LT-T-004-10-12 MS  | Total/NA  | Solid  | 3550C  |            |
| 480-55387-9 MSD    | LT-T-004-10-12 MSD | Total/NA  | Solid  | 3550C  |            |
| 480-55387-10       | LT-T-003-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-11       | LT-T-003-6-8       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-13       | LT-T-007-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-14       | LT-T-007-6-8       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-15       | LT-T-007-14-16     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-16       | LT-T-005-0-2       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-17       | LT-T-005-4-6       | Total/NA  | Solid  | 3550C  |            |
| 480-55387-18       | LT-T-005-16-19     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-19       | LT-T-006-0-2       | Total/NA  | Solid  | 3550C  |            |
| LCS 480-168815/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  |            |
| MB 480-168815/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  |            |

### Prep Batch: 168818

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 480-55387-20     | LT-T-006-4-6     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-20 MS  | LT-T-006-4-6 MS  | Total/NA  | Solid  | 3550C  |            |
| 480-55387-20 MSD | LT-T-006-4-6 MSD | Total/NA  | Solid  | 3550C  |            |
| 480-55387-21     | LT-T-006-12-14   | Total/NA  | Solid  | 3550C  |            |
| 480-55387-22     | LT-T-008-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-23     | LT-T-008-6-8     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-24     | LT-T-008-14-16   | Total/NA  | Solid  | 3550C  |            |
| 480-55387-26     | DUP036           | Total/NA  | Solid  | 3550C  |            |
| 480-55387-27     | LT-T-012-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-29     | LT-T-012-4-6     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-31     | LT-T-010-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-32     | LT-T-010-2-4     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-34     | LT-T-011-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-35     | LT-T-011-2-4     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-37     | LT-T-009-0-2     | Total/NA  | Solid  | 3550C  |            |
| 480-55387-38     | LT-T-009-4-6     | Total/NA  | Solid  | 3550C  |            |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## GC Semi VOA (Continued)

### Prep Batch: 168818 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| LCS 480-168818/2-A | Lab Control Sample | Total/NA  | Solid  | 3550C  |            |
| MB 480-168818/1-A  | Method Blank       | Total/NA  | Solid  | 3550C  |            |

## Metals

### Prep Batch: 168200

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 3005A  |            |
| LCS 480-168200/2-A | Lab Control Sample | Total/NA  | Water  | 3005A  |            |
| MB 480-168200/1-A  | Method Blank       | Total/NA  | Water  | 3005A  |            |

### Prep Batch: 168217

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1           | LT-T-001-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-2           | LT-T-001-8-10      | Total/NA  | Solid  | 7471B  |            |
| 480-55387-3           | LT-T-001-10-12     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-4           | LT-T-002-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-5           | LT-T-002-2-4       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-6           | LT-T-002-12-14     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-7           | LT-T-004-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-8           | LT-T-004-4-6       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-9           | LT-T-004-10-12     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-9 MS        | LT-T-004-10-12 MS  | Total/NA  | Solid  | 7471B  |            |
| 480-55387-9 MSD       | LT-T-004-10-12 MSD | Total/NA  | Solid  | 7471B  |            |
| 480-55387-10          | LT-T-003-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-11          | LT-T-003-6-8       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-12          | LT-T-003-10-12     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-13          | LT-T-007-0-2       | Total/NA  | Solid  | 7471B  |            |
| LCSSRM 480-168217/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| MB 480-168217/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  |            |

### Prep Batch: 168219

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-14          | LT-T-007-6-8       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-15          | LT-T-007-14-16     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-16          | LT-T-005-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-17          | LT-T-005-4-6       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-18          | LT-T-005-16-19     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-19          | LT-T-006-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-20          | LT-T-006-4-6       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-20 MS       | LT-T-006-4-6 MS    | Total/NA  | Solid  | 7471B  |            |
| 480-55387-20 MSD      | LT-T-006-4-6 MSD   | Total/NA  | Solid  | 7471B  |            |
| 480-55387-21          | LT-T-006-12-14     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-24          | LT-T-008-14-16     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-29          | LT-T-012-4-6       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-33          | LT-T-010-7-8.5     | Total/NA  | Solid  | 7471B  |            |
| LCSSRM 480-168219/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| MB 480-168219/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  |            |

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Metals (Continued)

### Prep Batch: 168262

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1           | LT-T-001-0-2       | Total/NA  | Solid  | 3050B  | 1          |
| 480-55387-2           | LT-T-001-8-10      | Total/NA  | Solid  | 3050B  | 2          |
| 480-55387-3           | LT-T-001-10-12     | Total/NA  | Solid  | 3050B  | 3          |
| 480-55387-4           | LT-T-002-0-2       | Total/NA  | Solid  | 3050B  | 4          |
| 480-55387-5           | LT-T-002-2-4       | Total/NA  | Solid  | 3050B  | 5          |
| 480-55387-6           | LT-T-002-12-14     | Total/NA  | Solid  | 3050B  | 6          |
| 480-55387-7           | LT-T-004-0-2       | Total/NA  | Solid  | 3050B  | 7          |
| 480-55387-8           | LT-T-004-4-6       | Total/NA  | Solid  | 3050B  | 8          |
| 480-55387-9           | LT-T-004-10-12     | Total/NA  | Solid  | 3050B  | 9          |
| 480-55387-9 MS        | LT-T-004-10-12 MS  | Total/NA  | Solid  | 3050B  | 10         |
| 480-55387-9 MSD       | LT-T-004-10-12 MSD | Total/NA  | Solid  | 3050B  | 11         |
| 480-55387-10          | LT-T-003-0-2       | Total/NA  | Solid  | 3050B  | 12         |
| 480-55387-11          | LT-T-003-6-8       | Total/NA  | Solid  | 3050B  | 13         |
| 480-55387-12          | LT-T-003-10-12     | Total/NA  | Solid  | 3050B  | 14         |
| 480-55387-13          | LT-T-007-0-2       | Total/NA  | Solid  | 3050B  | 15         |
| LCSSRM 480-168262/2-A | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| MB 480-168262/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 168299

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-22          | LT-T-008-0-2       | Total/NA  | Solid  | 7471B  | 1          |
| 480-55387-23          | LT-T-008-6-8       | Total/NA  | Solid  | 7471B  | 2          |
| 480-55387-25          | DUP035             | Total/NA  | Solid  | 7471B  | 3          |
| 480-55387-26          | DUP036             | Total/NA  | Solid  | 7471B  | 4          |
| 480-55387-27          | LT-T-012-0-2       | Total/NA  | Solid  | 7471B  | 5          |
| 480-55387-28          | LT-T-012-2-4       | Total/NA  | Solid  | 7471B  | 6          |
| 480-55387-31          | LT-T-010-0-2       | Total/NA  | Solid  | 7471B  | 7          |
| 480-55387-31 MS       | LT-T-010-0-2       | Total/NA  | Solid  | 7471B  | 8          |
| 480-55387-31 MSD      | LT-T-010-0-2       | Total/NA  | Solid  | 7471B  | 9          |
| 480-55387-32          | LT-T-010-2-4       | Total/NA  | Solid  | 7471B  | 10         |
| 480-55387-35          | LT-T-011-2-4       | Total/NA  | Solid  | 7471B  | 11         |
| 480-55387-36          | LT-T-011-6-5-8     | Total/NA  | Solid  | 7471B  | 12         |
| 480-55387-37          | LT-T-009-0-2       | Total/NA  | Solid  | 7471B  | 13         |
| 480-55387-38          | LT-T-009-4-6       | Total/NA  | Solid  | 7471B  | 14         |
| 480-55387-39          | LT-T-009-12-14     | Total/NA  | Solid  | 7471B  | 15         |
| LCSSRM 480-168299/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| MB 480-168299/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  |            |

### Analysis Batch: 168315

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1     | LT-T-001-0-2       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-2     | LT-T-001-8-10      | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-3     | LT-T-001-10-12     | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-4     | LT-T-002-0-2       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-5     | LT-T-002-2-4       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-6     | LT-T-002-12-14     | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-7     | LT-T-004-0-2       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-8     | LT-T-004-4-6       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-9     | LT-T-004-10-12     | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-9 MS  | LT-T-004-10-12 MS  | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-9 MSD | LT-T-004-10-12 MSD | Total/NA  | Solid  | 7471B  | 168217     |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Metals (Continued)

### Analysis Batch: 168315 (Continued)

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-10          | LT-T-003-0-2       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-11          | LT-T-003-6-8       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-12          | LT-T-003-10-12     | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-13          | LT-T-007-0-2       | Total/NA  | Solid  | 7471B  | 168217     |
| 480-55387-14          | LT-T-007-6-8       | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-15          | LT-T-007-14-16     | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-16          | LT-T-005-0-2       | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-17          | LT-T-005-4-6       | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-18          | LT-T-005-16-19     | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-19          | LT-T-006-0-2       | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-20          | LT-T-006-4-6       | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-20 MS       | LT-T-006-4-6 MS    | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-20 MSD      | LT-T-006-4-6 MSD   | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-21          | LT-T-006-12-14     | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-24          | LT-T-008-14-16     | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-29          | LT-T-012-4-6       | Total/NA  | Solid  | 7471B  | 168219     |
| 480-55387-33          | LT-T-010-7-8.5     | Total/NA  | Solid  | 7471B  | 168219     |
| LCSSRM 480-168217/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 168217     |
| LCSSRM 480-168219/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 168219     |
| MB 480-168217/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  | 168217     |
| MB 480-168219/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  | 168219     |

### Prep Batch: 168406

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 7470A  |            |
| LCS 480-168406/2-A | Lab Control Sample | Total/NA  | Water  | 7470A  |            |
| MB 480-168406/1-A  | Method Blank       | Total/NA  | Water  | 7470A  |            |

### Prep Batch: 168482

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 480-55387-14     | LT-T-007-6-8     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-15     | LT-T-007-14-16   | Total/NA  | Solid  | 3050B  |            |
| 480-55387-16     | LT-T-005-0-2     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-17     | LT-T-005-4-6     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-18     | LT-T-005-16-19   | Total/NA  | Solid  | 3050B  |            |
| 480-55387-19     | LT-T-006-0-2     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-20     | LT-T-006-4-6     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-20 MS  | LT-T-006-4-6 MS  | Total/NA  | Solid  | 3050B  |            |
| 480-55387-20 MSD | LT-T-006-4-6 MSD | Total/NA  | Solid  | 3050B  |            |
| 480-55387-21     | LT-T-006-12-14   | Total/NA  | Solid  | 3050B  |            |
| 480-55387-22     | LT-T-008-0-2     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-23     | LT-T-008-6-8     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-24     | LT-T-008-14-16   | Total/NA  | Solid  | 3050B  |            |
| 480-55387-25     | DUP035           | Total/NA  | Solid  | 3050B  |            |
| 480-55387-26     | DUP036           | Total/NA  | Solid  | 3050B  |            |
| 480-55387-27     | LT-T-012-0-2     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-28     | LT-T-012-2-4     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-29     | LT-T-012-4-6     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-31     | LT-T-010-0-2     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-32     | LT-T-010-2-4     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-33     | LT-T-010-7-8.5   | Total/NA  | Solid  | 3050B  |            |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Metals (Continued)

### Prep Batch: 168482 (Continued)

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-34          | LT-T-011-0-2       | Total/NA  | Solid  | 3050B  |            |
| LCSSRM 480-168482/2-A | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| MB 480-168482/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 168484

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-35          | LT-T-011-2-4       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-35 MS       | LT-T-011-2-4       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-35 MSD      | LT-T-011-2-4       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-36          | LT-T-011-6.5-8     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-37          | LT-T-009-0-2       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-38          | LT-T-009-4-6       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-39          | LT-T-009-12-14     | Total/NA  | Solid  | 3050B  |            |
| LCSSRM 480-168484/2-A | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| MB 480-168484/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |

### Analysis Batch: 168485

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-22          | LT-T-008-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-23          | LT-T-008-6-8       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-25          | DUP035             | Total/NA  | Solid  | 7471B  |            |
| 480-55387-26          | DUP036             | Total/NA  | Solid  | 7471B  |            |
| 480-55387-27          | LT-T-012-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-28          | LT-T-012-2-4       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-31          | LT-T-010-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-31 MS       | LT-T-010-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-31 MSD      | LT-T-010-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-32          | LT-T-010-2-4       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-35          | LT-T-011-2-4       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-36          | LT-T-011-6.5-8     | Total/NA  | Solid  | 7471B  |            |
| 480-55387-37          | LT-T-009-0-2       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-38          | LT-T-009-4-6       | Total/NA  | Solid  | 7471B  |            |
| 480-55387-39          | LT-T-009-12-14     | Total/NA  | Solid  | 7471B  |            |
| LCSSRM 480-168299/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| MB 480-168299/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  |            |

### Analysis Batch: 168578

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 7470A  |            |
| LCS 480-168406/2-A | Lab Control Sample | Total/NA  | Water  | 7470A  |            |
| MB 480-168406/1-A  | Method Blank       | Total/NA  | Water  | 7470A  |            |

### Prep Batch: 168602

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-34          | LT-T-011-0-2       | Total/NA  | Solid  | 7471B  |            |
| LCSSRM 480-168602/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| MB 480-168602/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  |            |

### Analysis Batch: 168641

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 480-55387-1   | LT-T-001-0-2     | Total/NA  | Solid  | 6010C  |            |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Metals (Continued)

### Analysis Batch: 168641 (Continued)

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-2           | LT-T-001-8-10      | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-3           | LT-T-001-10-12     | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-4           | LT-T-002-0-2       | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-5           | LT-T-002-2-4       | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-6           | LT-T-002-12-14     | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-7           | LT-T-004-0-2       | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-8           | LT-T-004-4-6       | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-9           | LT-T-004-10-12     | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-9 MS        | LT-T-004-10-12 MS  | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-9 MSD       | LT-T-004-10-12 MSD | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-10          | LT-T-003-0-2       | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-11          | LT-T-003-6-8       | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-12          | LT-T-003-10-12     | Total/NA  | Solid  | 6010C  | 168262     |
| 480-55387-13          | LT-T-007-0-2       | Total/NA  | Solid  | 6010C  | 168262     |
| LCSSRM 480-168262/2-A | Lab Control Sample | Total/NA  | Solid  | 6010C  | 168262     |
| MB 480-168262/1-A     | Method Blank       | Total/NA  | Solid  | 6010C  | 168262     |

### Analysis Batch: 168651

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-30       | FB033              | Total/NA  | Water  | 6010C  | 168200     |
| LCS 480-168200/2-A | Lab Control Sample | Total/NA  | Water  | 6010C  | 168200     |
| MB 480-168200/1-A  | Method Blank       | Total/NA  | Water  | 6010C  | 168200     |

### Analysis Batch: 168697

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-34          | LT-T-011-0-2       | Total/NA  | Solid  | 7471B  | 168602     |
| LCSSRM 480-168602/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 168602     |
| MB 480-168602/1-A     | Method Blank       | Total/NA  | Solid  | 7471B  | 168602     |

### Prep Batch: 168987

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-1           | LT-T-001-0-2       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-2           | LT-T-001-8-10      | Total/NA  | Solid  | 3050B  |            |
| 480-55387-3           | LT-T-001-10-12     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-4           | LT-T-002-0-2       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-5           | LT-T-002-2-4       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-6           | LT-T-002-12-14     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-7           | LT-T-004-0-2       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-8           | LT-T-004-4-6       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-9           | LT-T-004-10-12     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-9 MS        | LT-T-004-10-12 MS  | Total/NA  | Solid  | 3050B  |            |
| 480-55387-9 MSD       | LT-T-004-10-12 MSD | Total/NA  | Solid  | 3050B  |            |
| 480-55387-10          | LT-T-003-0-2       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-11          | LT-T-003-6-8       | Total/NA  | Solid  | 3050B  |            |
| 480-55387-12          | LT-T-003-10-12     | Total/NA  | Solid  | 3050B  |            |
| 480-55387-13          | LT-T-007-0-2       | Total/NA  | Solid  | 3050B  |            |
| LCSSRM 480-168987/2-A | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| MB 480-168987/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Metals (Continued)

### Analysis Batch: 169046

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-35          | LT-T-011-2-4       | Total/NA  | Solid  | 6010C  | 168484     |
| 480-55387-35 MS       | LT-T-011-2-4       | Total/NA  | Solid  | 6010C  | 168484     |
| 480-55387-35 MSD      | LT-T-011-2-4       | Total/NA  | Solid  | 6010C  | 168484     |
| 480-55387-36          | LT-T-011-6-5-8     | Total/NA  | Solid  | 6010C  | 168484     |
| 480-55387-37          | LT-T-009-0-2       | Total/NA  | Solid  | 6010C  | 168484     |
| 480-55387-38          | LT-T-009-4-6       | Total/NA  | Solid  | 6010C  | 168484     |
| 480-55387-39          | LT-T-009-12-14     | Total/NA  | Solid  | 6010C  | 168484     |
| LCSSRM 480-168484/2-A | Lab Control Sample | Total/NA  | Solid  | 6010C  | 168484     |
| MB 480-168484/1-A     | Method Blank       | Total/NA  | Solid  | 6010C  | 168484     |

### Analysis Batch: 169348

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-14          | LT-T-007-6-8       | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-15          | LT-T-007-14-16     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-16          | LT-T-005-0-2       | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-17          | LT-T-005-4-6       | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-18          | LT-T-005-16-19     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-19          | LT-T-006-0-2       | Total/NA  | Solid  | 6010C  | 168482     |
| LCSSRM 480-168482/2-A | Lab Control Sample | Total/NA  | Solid  | 6010C  | 168482     |
| MB 480-168482/1-A     | Method Blank       | Total/NA  | Solid  | 6010C  | 168482     |

### Analysis Batch: 169413

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 480-55387-20     | LT-T-006-4-6     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-20 MS  | LT-T-006-4-6 MS  | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-20 MSD | LT-T-006-4-6 MSD | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-21     | LT-T-006-12-14   | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-22     | LT-T-008-0-2     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-23     | LT-T-008-6-8     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-24     | LT-T-008-14-16   | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-25     | DUP035           | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-26     | DUP036           | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-27     | LT-T-012-0-2     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-28     | LT-T-012-2-4     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-29     | LT-T-012-4-6     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-31     | LT-T-010-0-2     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-32     | LT-T-010-2-4     | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-33     | LT-T-010-7-8.5   | Total/NA  | Solid  | 6010C  | 168482     |
| 480-55387-34     | LT-T-011-0-2     | Total/NA  | Solid  | 6010C  | 168482     |

### Analysis Batch: 169591

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 480-55387-1   | LT-T-001-0-2     | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-2   | LT-T-001-8-10    | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-3   | LT-T-001-10-12   | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-4   | LT-T-002-0-2     | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-5   | LT-T-002-2-4     | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-6   | LT-T-002-12-14   | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-7   | LT-T-004-0-2     | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-8   | LT-T-004-4-6     | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-9   | LT-T-004-10-12   | Total/NA  | Solid  | 6010C  | 168987     |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## Metals (Continued)

### Analysis Batch: 169591 (Continued)

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 480-55387-9 MS        | LT-T-004-10-12 MS  | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-9 MSD       | LT-T-004-10-12 MSD | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-10          | LT-T-003-0-2       | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-11          | LT-T-003-6-8       | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-12          | LT-T-003-10-12     | Total/NA  | Solid  | 6010C  | 168987     |
| 480-55387-13          | LT-T-007-0-2       | Total/NA  | Solid  | 6010C  | 168987     |
| LCSSRM 480-168987/2-A | Lab Control Sample | Total/NA  | Solid  | 6010C  | 168987     |
| MB 480-168987/1-A     | Method Blank       | Total/NA  | Solid  | 6010C  | 168987     |

### Analysis Batch: 169907

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 480-55387-7   | LT-T-004-0-2     | Total/NA  | Solid  | 6010C  | 168987     |

## General Chemistry

### Analysis Batch: 168175

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------|-----------|--------|----------|------------|
| 480-55387-1      | LT-T-001-0-2       | Total/NA  | Solid  | Moisture | 13         |
| 480-55387-2      | LT-T-001-8-10      | Total/NA  | Solid  | Moisture | 14         |
| 480-55387-3      | LT-T-001-10-12     | Total/NA  | Solid  | Moisture | 15         |
| 480-55387-4      | LT-T-002-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-5      | LT-T-002-2-4       | Total/NA  | Solid  | Moisture |            |
| 480-55387-6      | LT-T-002-12-14     | Total/NA  | Solid  | Moisture |            |
| 480-55387-7      | LT-T-004-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-8      | LT-T-004-4-6       | Total/NA  | Solid  | Moisture |            |
| 480-55387-9      | LT-T-004-10-12     | Total/NA  | Solid  | Moisture |            |
| 480-55387-9 MS   | LT-T-004-10-12 MS  | Total/NA  | Solid  | Moisture |            |
| 480-55387-9 MSD  | LT-T-004-10-12 MSD | Total/NA  | Solid  | Moisture |            |
| 480-55387-10     | LT-T-003-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-11     | LT-T-003-6-8       | Total/NA  | Solid  | Moisture |            |
| 480-55387-12     | LT-T-003-10-12     | Total/NA  | Solid  | Moisture |            |
| 480-55387-13     | LT-T-007-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-14     | LT-T-007-6-8       | Total/NA  | Solid  | Moisture |            |
| 480-55387-15     | LT-T-007-14-16     | Total/NA  | Solid  | Moisture |            |
| 480-55387-16     | LT-T-005-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-17     | LT-T-005-4-6       | Total/NA  | Solid  | Moisture |            |
| 480-55387-18     | LT-T-005-16-19     | Total/NA  | Solid  | Moisture |            |
| 480-55387-19     | LT-T-006-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-20     | LT-T-006-4-6       | Total/NA  | Solid  | Moisture |            |
| 480-55387-20 MS  | LT-T-006-4-6 MS    | Total/NA  | Solid  | Moisture |            |
| 480-55387-20 MSD | LT-T-006-4-6 MSD   | Total/NA  | Solid  | Moisture |            |
| 480-55387-21     | LT-T-006-12-14     | Total/NA  | Solid  | Moisture |            |
| 480-55387-22     | LT-T-008-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-23     | LT-T-008-6-8       | Total/NA  | Solid  | Moisture |            |
| 480-55387-24     | LT-T-008-14-16     | Total/NA  | Solid  | Moisture |            |
| 480-55387-25     | DUP035             | Total/NA  | Solid  | Moisture |            |
| 480-55387-26     | DUP036             | Total/NA  | Solid  | Moisture |            |
| 480-55387-27     | LT-T-012-0-2       | Total/NA  | Solid  | Moisture |            |
| 480-55387-28     | LT-T-012-2-4       | Total/NA  | Solid  | Moisture |            |
| 480-55387-29     | LT-T-012-4-6       | Total/NA  | Solid  | Moisture |            |

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

## General Chemistry (Continued)

### Analysis Batch: 168175 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 480-55387-31  | LT-T-010-0-2     | Total/NA  | Solid  | Moisture | 5          |
| 480-55387-32  | LT-T-010-2-4     | Total/NA  | Solid  | Moisture | 6          |
| 480-55387-33  | LT-T-010-7-8.5   | Total/NA  | Solid  | Moisture | 7          |
| 480-55387-34  | LT-T-011-0-2     | Total/NA  | Solid  | Moisture | 8          |
| 480-55387-35  | LT-T-011-2-4     | Total/NA  | Solid  | Moisture | 9          |
| 480-55387-36  | LT-T-011-6.5-8   | Total/NA  | Solid  | Moisture | 10         |
| 480-55387-37  | LT-T-009-0-2     | Total/NA  | Solid  | Moisture | 11         |
| 480-55387-38  | LT-T-009-4-6     | Total/NA  | Solid  | Moisture | 12         |
| 480-55387-39  | LT-T-009-12-14   | Total/NA  | Solid  | Moisture | 13         |

## Lab Chronicle

Client: Posillico Consulting  
 Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

**Client Sample ID: LT-T-001-0-2**

**Lab Sample ID: 480-55387-1**

Date Collected: 02/28/14 09:10

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 86.5

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 5               | 168768       | 03/06/14 15:39       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 5               | 168812       | 03/06/14 13:35       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 21:47       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:04       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:37       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

**Client Sample ID: LT-T-001-8-10**

**Lab Sample ID: 480-55387-2**

Date Collected: 02/28/14 09:15

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 43.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/06/14 18:29       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 1               | 168812       | 03/06/14 14:11       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 21:55       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:06       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:40       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

**Client Sample ID: LT-T-001-10-12**

**Lab Sample ID: 480-55387-3**

Date Collected: 02/28/14 09:20

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 74.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035A        |     |                 | 168187       | 03/02/14 23:44       | CDC     | TAL BUF |
| Total/NA  | Analysis   | 8260C        |     | 1               | 168183       | 03/03/14 01:43       | PJQ     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/06/14 18:53       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 10              | 168812       | 03/06/14 14:28       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 21:58       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
 Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-001-10-12

Date Collected: 02/28/14 09:20

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-3

Matrix: Solid

Percent Solids: 74.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:17       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:42       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-002-0-2

Date Collected: 02/28/14 09:30

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-4

Matrix: Solid

Percent Solids: 86.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 10              | 168768       | 03/06/14 16:04       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 14:46       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:01       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:20       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-002-2-4

Date Collected: 02/28/14 09:35

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-5

Matrix: Solid

Percent Solids: 90.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 10              | 168768       | 03/06/14 16:29       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 15:03       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:04       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:23       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:46       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-002-12-14

Lab Sample ID: 480-55387-6

Date Collected: 02/28/14 09:40

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 78.5

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035A        |     |                 | 168272       | 03/03/14 11:17       | PJQ     | TAL BUF |
| Total/NA  | Analysis   | 8260C        |     | 1               | 168268       | 03/03/14 14:43       | CDC     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/06/14 19:17       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168593       | 03/05/14 07:33       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 1               | 168609       | 03/05/14 16:43       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:07       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:26       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:48       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-004-0-2

Lab Sample ID: 480-55387-7

Date Collected: 02/28/14 10:00

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 87.5

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/06/14 19:41       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 16:14       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:09       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:29       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 5               | 169907       | 03/11/14 15:21       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:54       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-004-4-6

Lab Sample ID: 480-55387-8

Date Collected: 02/28/14 10:05

Matrix: Solid

Date Received: 03/01/14 09:00

Percent Solids: 82.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/06/14 20:06       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 20              | 168812       | 03/06/14 16:32       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-004-4-6

Date Collected: 02/28/14 10:05

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-8

Matrix: Solid

Percent Solids: 82.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:12       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:32       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:57       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-004-10-12

Date Collected: 02/28/14 10:10

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-9

Matrix: Solid

Percent Solids: 80.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035A        |     |                 | 168187       | 03/02/14 23:44       | CDC     | TAL BUF |
| Total/NA  | Analysis   | 8260C        |     | 1               | 168183       | 03/03/14 02:35       | PJQ     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/06/14 23:35       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 20              | 168812       | 03/06/14 13:17       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:15       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:34       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 13:58       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-003-0-2

Date Collected: 02/28/14 10:45

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-10

Matrix: Solid

Percent Solids: 94.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 5               | 168914       | 03/06/14 23:58       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 16:49       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:35       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:57       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:08       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-003-6-8

Date Collected: 02/28/14 10:50

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-11

Matrix: Solid

Percent Solids: 90.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/07/14 00:22       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 19:28       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:38       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 18:59       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:10       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-003-10-12

Date Collected: 02/28/14 10:55

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-12

Matrix: Solid

Percent Solids: 80.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035A        |     |                 | 168187       | 03/02/14 23:44       | CDC     | TAL BUF |
| Total/NA  | Analysis   | 8260C        |     | 1               | 168183       | 03/03/14 03:52       | PJQ     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/07/14 00:46       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168593       | 03/05/14 07:33       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 20              | 168609       | 03/05/14 17:00       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:40       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 19:02       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:12       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-007-0-2

Date Collected: 02/28/14 11:40

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-13

Matrix: Solid

Percent Solids: 92.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/07/14 01:10       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 17:07       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168262       | 03/03/14 09:45       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 168641       | 03/04/14 22:43       | LMH     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168987       | 03/07/14 07:15       | EHD     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-007-0-2

Date Collected: 02/28/14 11:40  
Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-13

Matrix: Solid  
Percent Solids: 92.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 6010C        |     | 1               | 169591       | 03/10/14 19:05       | MTM2    | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168217       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:14       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-007-6-8

Date Collected: 02/28/14 11:45  
Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-14

Matrix: Solid  
Percent Solids: 85.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/07/14 01:34       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 17:24       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168482       | 03/04/14 14:40       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169348       | 03/08/14 02:53       | LMH     | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168219       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:24       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-007-14-16

Date Collected: 02/28/14 11:50  
Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-15

Matrix: Solid  
Percent Solids: 61.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035A        |     |                 | 168187       | 03/02/14 23:44       | CDC     | TAL BUF |
| Total/NA  | Analysis   | 8260C        |     | 1               | 168183       | 03/03/14 04:17       | PJQ     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168914       | 03/07/14 01:58       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 17:42       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168482       | 03/04/14 14:40       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169348       | 03/08/14 02:56       | LMH     | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168219       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:26       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-005-0-2

Date Collected: 02/28/14 12:05  
Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-16

Matrix: Solid  
Percent Solids: 83.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168599       | 03/05/14 07:41       | CAM     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-005-0-2

Date Collected: 02/28/14 12:05

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-16

Matrix: Solid

Percent Solids: 83.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8270D        |     | 5               | 168914       | 03/07/14 02:56       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 18:00       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168482       | 03/04/14 14:40       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169348       | 03/08/14 02:58       | LMH     | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168219       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:28       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-005-4-6

Date Collected: 02/28/14 12:10

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-17

Matrix: Solid

Percent Solids: 93.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3550C        |     |                 | 168600       | 03/05/14 07:44       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168979       | 03/07/14 08:04       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 50              | 168812       | 03/06/14 18:17       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168482       | 03/04/14 14:40       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169348       | 03/08/14 03:01       | LMH     | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168219       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:30       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

### Client Sample ID: LT-T-005-16-19

Date Collected: 02/28/14 12:15

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-18

Matrix: Solid

Percent Solids: 71.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035A        |     |                 | 168187       | 03/02/14 23:44       | CDC     | TAL BUF |
| Total/NA  | Analysis   | 8260C        |     | 1               | 168183       | 03/03/14 04:43       | PJQ     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168600       | 03/05/14 07:44       | CAM     | TAL BUF |
| Total/NA  | Analysis   | 8270D        |     | 1               | 168979       | 03/07/14 08:28       | ANM     | TAL BUF |
| Total/NA  | Prep       | 3550C        |     |                 | 168815       | 03/06/14 08:32       | KEB     | TAL BUF |
| Total/NA  | Analysis   | 8081B        |     | 20              | 168812       | 03/06/14 18:35       | LMW     | TAL BUF |
| Total/NA  | Prep       | 3050B        |     |                 | 168482       | 03/04/14 14:40       | EHD     | TAL BUF |
| Total/NA  | Analysis   | 6010C        |     | 1               | 169348       | 03/08/14 03:04       | LMH     | TAL BUF |
| Total/NA  | Prep       | 7471B        |     |                 | 168219       | 03/03/14 09:45       | JRK     | TAL BUF |
| Total/NA  | Analysis   | 7471B        |     | 1               | 168315       | 03/03/14 14:32       | JRK     | TAL BUF |
| Total/NA  | Analysis   | Moisture     |     | 1               | 168175       | 03/01/14 17:14       | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-006-0-2

Date Collected: 02/28/14 13:10

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-19

Matrix: Solid

Percent Solids: 74.5

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 08:53          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168815          | 03/06/14 08:32          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168812          | 03/06/14 19:46          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169348          | 03/08/14 03:07          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168219          | 03/03/14 09:45          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168315          | 03/03/14 14:34          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-006-4-6

Date Collected: 02/28/14 13:15

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-20

Matrix: Solid

Percent Solids: 86.5

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 20                 | 168979          | 03/07/14 07:40          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 14:26          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 12:41          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168219          | 03/03/14 09:45          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168315          | 03/03/14 14:37          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-006-12-14

Date Collected: 02/28/14 13:20

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-21

Matrix: Solid

Percent Solids: 77.9

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 5035A           |     |                    | 168272          | 03/03/14 11:17          | PJQ     | TAL BUF |
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168268          | 03/03/14 16:01          | CDC     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 09:17          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 14:43          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 12:55          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168219          | 03/03/14 09:45          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168315          | 03/03/14 14:48          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-008-0-2

Date Collected: 02/28/14 12:30

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-22

Matrix: Solid

Percent Solids: 93.4

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 10                 | 168979          | 03/07/14 09:41          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 15:01          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 12:58          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:42          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-008-6-8

Date Collected: 02/28/14 12:35

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-23

Matrix: Solid

Percent Solids: 85.1

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 10:05          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 20                 | 168808          | 03/06/14 15:18          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:01          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:44          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-008-14-16

Date Collected: 02/28/14 12:40

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-24

Matrix: Solid

Percent Solids: 64.2

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 5035A           |     |                    | 168272          | 03/03/14 11:17          | PJQ     | TAL BUF |
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168268          | 03/03/14 16:27          | CDC     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 10:30          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 15:36          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:09          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168219          | 03/03/14 09:45          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168315          | 03/03/14 14:50          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: DUP035

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-25

Matrix: Solid

Percent Solids: 82.9

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 10:55          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168598          | 03/05/14 07:38          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 1                  | 168609          | 03/05/14 17:18          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:12          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:46          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: DUP036

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-26

Matrix: Solid

Percent Solids: 83.3

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 11:19          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 15:54          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:15          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:48          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-012-0-2

Date Collected: 02/28/14 12:55

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-27

Matrix: Solid

Percent Solids: 87.9

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 11:44          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 16:46          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:18          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:49          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-012-2-4

Date Collected: 02/28/14 13:00

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-28

Matrix: Solid

Percent Solids: 84.3

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 12:09          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168598          | 03/05/14 07:38          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 1                  | 168609          | 03/05/14 17:35          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:20          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:52          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-012-4-6

Date Collected: 02/28/14 13:05

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-29

Matrix: Solid

Percent Solids: 85.1

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 5035A           |     |                    | 168187          | 03/02/14 23:44          | CDC     | TAL BUF |
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168183          | 03/03/14 06:00          | PJQ     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 12:33          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 10                 | 168808          | 03/06/14 17:04          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:23          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168219          | 03/03/14 09:45          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168315          | 03/03/14 14:52          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: FB033

Date Collected: 02/28/14 08:00

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-30

Matrix: Water

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168185          | 03/03/14 00:52          | TRB     | TAL BUF |
| Total/NA  | Prep          | 3510C           |     |                    | 168313          | 03/03/14 14:39          | JRL     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168360          | 03/04/14 09:56          | RMM     | TAL BUF |
| Total/NA  | Prep          | 3510C           |     |                    | 168567          | 03/05/14 05:48          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 1                  | 168609          | 03/05/14 10:14          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3005A           |     |                    | 168200          | 03/03/14 09:30          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 168651          | 03/04/14 16:37          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7470A           |     |                    | 168406          | 03/04/14 09:10          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 7470A           |     | 1                  | 168578          | 03/04/14 16:28          | JRK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-010-0-2

Date Collected: 02/28/14 13:35

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-31

Matrix: Solid

Percent Solids: 93.6

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 5                  | 168979          | 03/07/14 12:57          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 17:21          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:26          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 10:53          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-010-2-4

Date Collected: 02/28/14 13:40

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-32

Matrix: Solid

Percent Solids: 90.8

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 5                  | 168979          | 03/07/14 13:21          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 17:39          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:28          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 11:04          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-010-7-8.5

Date Collected: 02/28/14 13:45

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-33

Matrix: Solid

Percent Solids: 91.4

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 5035A           |     |                    | 168187          | 03/02/14 23:44          | CDC     | TAL BUF |
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168183          | 03/03/14 06:26          | PJQ     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:44          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 13:46          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168598          | 03/05/14 07:38          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 1                  | 168609          | 03/05/14 17:53          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:31          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168219          | 03/03/14 09:45          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168315          | 03/03/14 14:54          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-011-0-2

Date Collected: 02/28/14 13:50

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-34

Matrix: Solid

Percent Solids: 86.8

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:47          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 10                 | 168979          | 03/07/14 14:10          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 17:57          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168482          | 03/04/14 14:40          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169413          | 03/10/14 13:34          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168602          | 03/05/14 08:05          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168697          | 03/05/14 11:27          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-011-2-4

Date Collected: 02/28/14 13:55

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-35

Matrix: Solid

Percent Solids: 91.6

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:47          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 5                  | 168979          | 03/07/14 15:23          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 18:14          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168484          | 03/04/14 15:30          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169046          | 03/07/14 04:35          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 11:09          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-011-6.5-8

Date Collected: 02/28/14 14:00

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-36

Matrix: Solid

Percent Solids: 86.7

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 5035A           |     |                    | 168187          | 03/02/14 23:44          | CDC     | TAL BUF |
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168183          | 03/03/14 06:52          | PJQ     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168600          | 03/05/14 07:47          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168979          | 03/07/14 14:59          | ANM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168598          | 03/05/14 07:38          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 1                  | 168609          | 03/05/14 18:10          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168484          | 03/04/14 15:30          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169046          | 03/07/14 04:49          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 11:10          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: LT-T-009-0-2

Date Collected: 02/28/14 14:25

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-37

Matrix: Solid

Percent Solids: 91.5

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168716          | 03/05/14 14:55          | JRL     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 20                 | 168928          | 03/06/14 19:59          | RMM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 18:32          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168484          | 03/04/14 15:30          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169046          | 03/07/14 04:58          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 11:12          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-009-4-6

Date Collected: 02/28/14 14:30

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-38

Matrix: Solid

Percent Solids: 89.3

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 3550C           |     |                    | 168716          | 03/05/14 14:55          | JRL     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 10                 | 168928          | 03/06/14 20:22          | RMM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168818          | 03/06/14 08:37          | KEB     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 50                 | 168808          | 03/06/14 18:49          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168484          | 03/04/14 15:30          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169046          | 03/07/14 05:00          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 11:14          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

### Client Sample ID: LT-T-009-12-14

Date Collected: 02/28/14 14:35

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-39

Matrix: Solid

Percent Solids: 86.0

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared<br>or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA  | Prep          | 5035A           |     |                    | 168187          | 03/02/14 23:44          | CDC     | TAL BUF |
| Total/NA  | Analysis      | 8260C           |     | 1                  | 168183          | 03/03/14 07:18          | PJQ     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168716          | 03/05/14 14:55          | JRL     | TAL BUF |
| Total/NA  | Analysis      | 8270D           |     | 1                  | 168928          | 03/07/14 00:56          | RMM     | TAL BUF |
| Total/NA  | Prep          | 3550C           |     |                    | 168598          | 03/05/14 07:39          | CAM     | TAL BUF |
| Total/NA  | Analysis      | 8081B           |     | 1                  | 168609          | 03/05/14 19:03          | LMW     | TAL BUF |
| Total/NA  | Prep          | 3050B           |     |                    | 168484          | 03/04/14 15:30          | EHD     | TAL BUF |
| Total/NA  | Analysis      | 6010C           |     | 1                  | 169046          | 03/07/14 05:03          | LMH     | TAL BUF |
| Total/NA  | Prep          | 7471B           |     |                    | 168299          | 03/04/14 07:30          | JRK     | TAL BUF |
| Total/NA  | Analysis      | 7471B           |     | 1                  | 168485          | 03/04/14 11:16          | JRK     | TAL BUF |
| Total/NA  | Analysis      | Moisture        |     | 1                  | 168175          | 03/01/14 17:14          | CMK     | TAL BUF |

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Client Sample ID: TB

Date Collected: 02/28/14 00:00

Date Received: 03/01/14 09:00

### Lab Sample ID: 480-55387-40

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 168185       | 03/03/14 01:13       | TRB     | TAL BUF |

#### Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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## Certification Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

### Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

| Authority         | Program       | EPA Region | Certification ID | Expiration Date |
|-------------------|---------------|------------|------------------|-----------------|
| Arkansas DEQ      | State Program | 6          | 88-0686          | 07-06-14        |
| California        | NELAP         | 9          | 1169CA           | 09-30-14        |
| Connecticut       | State Program | 1          | PH-0568          | 09-30-14        |
| Florida           | NELAP         | 4          | E87672           | 06-30-14        |
| Georgia           | State Program | 4          | N/A              | 03-31-14 *      |
| Illinois          | NELAP         | 5          | 200003           | 09-30-14        |
| Iowa              | State Program | 7          | 374              | 03-01-15        |
| Kansas            | NELAP         | 7          | E-10187          | 04-01-14 *      |
| Kentucky (DW)     | State Program | 4          | 90029            | 12-31-14        |
| Kentucky (UST)    | State Program | 4          | 30               | 04-01-14 *      |
| Louisiana         | NELAP         | 6          | 02031            | 06-30-14        |
| Maine             | State Program | 1          | NY00044          | 12-04-14        |
| Maryland          | State Program | 3          | 294              | 03-31-14 *      |
| Massachusetts     | State Program | 1          | M-NY044          | 06-30-14        |
| Michigan          | State Program | 5          | 9937             | 04-01-14 *      |
| Minnesota         | NELAP         | 5          | 036-999-337      | 12-31-14        |
| New Hampshire     | NELAP         | 1          | 2337             | 11-17-14        |
| New Jersey        | NELAP         | 2          | NY455            | 06-30-14        |
| New York          | NELAP         | 2          | 10026            | 03-31-14 *      |
| North Dakota      | State Program | 8          | R-176            | 03-31-14 *      |
| Oklahoma          | State Program | 6          | 9421             | 08-31-14        |
| Oregon            | NELAP         | 10         | NY200003         | 06-09-14        |
| Pennsylvania      | NELAP         | 3          | 68-00281         | 07-31-14        |
| Rhode Island      | State Program | 1          | LAO00328         | 12-30-14        |
| Tennessee         | State Program | 4          | TN02970          | 04-01-14 *      |
| Texas             | NELAP         | 6          | T104704412-11-2  | 07-31-14        |
| USDA              | Federal       |            | P330-11-00386    | 11-22-14        |
| Virginia          | NELAP         | 3          | 460185           | 09-14-14        |
| West Virginia DEP | State Program | 3          | 252              | 03-31-14 *      |
| Wisconsin         | State Program | 5          | 998310390        | 08-31-14        |

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

## Method Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

| Method   | Method Description  | Protocol | Laboratory |
|----------|---|----------|------------|
| 8260C    | Volatile Organic Compounds by GC/MS                               | SW846    | TAL BUF    |
| 8270D    | Semivolatile Organic Compounds (GC/MS)                            | SW846    | TAL BUF    |
| 8081B    | Organochlorine Pesticides (GC)                                    | SW846    | TAL BUF    |
| 6010C    | Metals (ICP)  | SW846    | TAL BUF    |
| 7470A    | Mercury (CVAA)  | SW846    | TAL BUF    |
| 7471B    | Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique) | SW846    | TAL BUF    |
| Moisture | Percent Moisture  | EPA      | TAL BUF    |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Sample Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55387-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 480-55387-1   | LT-T-001-0-2     | Solid  | 02/28/14 09:10 | 03/01/14 09:00 |
| 480-55387-2   | LT-T-001-8-10    | Solid  | 02/28/14 09:15 | 03/01/14 09:00 |
| 480-55387-3   | LT-T-001-10-12   | Solid  | 02/28/14 09:20 | 03/01/14 09:00 |
| 480-55387-4   | LT-T-002-0-2     | Solid  | 02/28/14 09:30 | 03/01/14 09:00 |
| 480-55387-5   | LT-T-002-2-4     | Solid  | 02/28/14 09:35 | 03/01/14 09:00 |
| 480-55387-6   | LT-T-002-12-14   | Solid  | 02/28/14 09:40 | 03/01/14 09:00 |
| 480-55387-7   | LT-T-004-0-2     | Solid  | 02/28/14 10:00 | 03/01/14 09:00 |
| 480-55387-8   | LT-T-004-4-6     | Solid  | 02/28/14 10:05 | 03/01/14 09:00 |
| 480-55387-9   | LT-T-004-10-12   | Solid  | 02/28/14 10:10 | 03/01/14 09:00 |
| 480-55387-10  | LT-T-003-0-2     | Solid  | 02/28/14 10:45 | 03/01/14 09:00 |
| 480-55387-11  | LT-T-003-6-8     | Solid  | 02/28/14 10:50 | 03/01/14 09:00 |
| 480-55387-12  | LT-T-003-10-12   | Solid  | 02/28/14 10:55 | 03/01/14 09:00 |
| 480-55387-13  | LT-T-007-0-2     | Solid  | 02/28/14 11:40 | 03/01/14 09:00 |
| 480-55387-14  | LT-T-007-6-8     | Solid  | 02/28/14 11:45 | 03/01/14 09:00 |
| 480-55387-15  | LT-T-007-14-16   | Solid  | 02/28/14 11:50 | 03/01/14 09:00 |
| 480-55387-16  | LT-T-005-0-2     | Solid  | 02/28/14 12:05 | 03/01/14 09:00 |
| 480-55387-17  | LT-T-005-4-6     | Solid  | 02/28/14 12:10 | 03/01/14 09:00 |
| 480-55387-18  | LT-T-005-16-19   | Solid  | 02/28/14 12:15 | 03/01/14 09:00 |
| 480-55387-19  | LT-T-006-0-2     | Solid  | 02/28/14 13:10 | 03/01/14 09:00 |
| 480-55387-20  | LT-T-006-4-6     | Solid  | 02/28/14 13:15 | 03/01/14 09:00 |
| 480-55387-21  | LT-T-006-12-14   | Solid  | 02/28/14 13:20 | 03/01/14 09:00 |
| 480-55387-22  | LT-T-008-0-2     | Solid  | 02/28/14 12:30 | 03/01/14 09:00 |
| 480-55387-23  | LT-T-008-6-8     | Solid  | 02/28/14 12:35 | 03/01/14 09:00 |
| 480-55387-24  | LT-T-008-14-16   | Solid  | 02/28/14 12:40 | 03/01/14 09:00 |
| 480-55387-25  | DUP035           | Solid  | 02/28/14 00:00 | 03/01/14 09:00 |
| 480-55387-26  | DUP036           | Solid  | 02/28/14 00:00 | 03/01/14 09:00 |
| 480-55387-27  | LT-T-012-0-2     | Solid  | 02/28/14 12:55 | 03/01/14 09:00 |
| 480-55387-28  | LT-T-012-2-4     | Solid  | 02/28/14 13:00 | 03/01/14 09:00 |
| 480-55387-29  | LT-T-012-4-6     | Solid  | 02/28/14 13:05 | 03/01/14 09:00 |
| 480-55387-30  | FB033            | Water  | 02/28/14 08:00 | 03/01/14 09:00 |
| 480-55387-31  | LT-T-010-0-2     | Solid  | 02/28/14 13:35 | 03/01/14 09:00 |
| 480-55387-32  | LT-T-010-2-4     | Solid  | 02/28/14 13:40 | 03/01/14 09:00 |
| 480-55387-33  | LT-T-010-7-8.5   | Solid  | 02/28/14 13:45 | 03/01/14 09:00 |
| 480-55387-34  | LT-T-011-0-2     | Solid  | 02/28/14 13:50 | 03/01/14 09:00 |
| 480-55387-35  | LT-T-011-2-4     | Solid  | 02/28/14 13:55 | 03/01/14 09:00 |
| 480-55387-36  | LT-T-011-6.5-8   | Solid  | 02/28/14 14:00 | 03/01/14 09:00 |
| 480-55387-37  | LT-T-009-0-2     | Solid  | 02/28/14 14:25 | 03/01/14 09:00 |
| 480-55387-38  | LT-T-009-4-6     | Solid  | 02/28/14 14:30 | 03/01/14 09:00 |
| 480-55387-39  | LT-T-009-12-14   | Solid  | 02/28/14 14:35 | 03/01/14 09:00 |
| 480-55387-40  | TB               | Water  | 02/28/14 00:00 | 03/01/14 09:00 |

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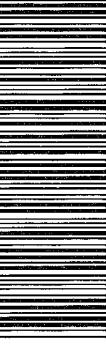
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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS



Road  
3900 Fax: (732) 549-3679  
30817

Page 1 of 4

480-55387 Chain of Custody

|   |                              |   |        |              |
|---|------------------------------|---|--------|--------------|
| Name (for report and invoice)   | Samplers Name (Printed)      | Site/Project Identification   |        |              |
| Elliis Koch   | A. Raccanelli T. Fitzpatrick | Glen Isle Waterfront Residential Open   |        |              |
| Company   | P.O. #                       | State (Location of site): NJ: <input type="checkbox"/> NY: <input checked="" type="checkbox"/> Other: |        |              |
| Address   | Regulatory Program:          |   |        |              |
| 255 Ryk Plaza   |                              |   |        | LAB USE ONLY |
| City  | Samplers Name (Printed)      | ANALYSIS REQUESTED (ENTER % BELOW TO INDICATE REQUEST)  |        |              |
| Uniondale   | A. Raccanelli T. Fitzpatrick |   |        |              |
| State   | P.O. #                       |   |        |              |
| Phone   | Fax                          |   |        |              |
| Other   |                              |   |        |              |
| Analysis Turnaround Time  |                              |   |        |              |
| Standard: <input checked="" type="checkbox"/>   |                              |   |        |              |
| Rush Charges Authorized For:  |                              |   |        |              |
| 2 Week <input type="checkbox"/>   |                              |   |        |              |
| 1 Week <input type="checkbox"/>   |                              |   |        |              |
| Other <input type="checkbox"/>  |                              |   |        |              |
| Sample Identification   | Date                         | Time  | Matrix | No. of Cont. |
| LT-T-001-0-2  | 2/28/14                      | 9:10  | Soil   | 1            |
| LT-T-001-8-10   | 9:15                         | 1   |        | X X X X      |
| LT-T-001-10-12  | 9:30                         | 5   |        | X X X X      |
| LT-T-002-0-2  | 0930                         | 1   |        | X X X X      |
| LT-T-002-2-4  | 0935                         | 1   |        | X X X X      |
| LT-T-002-12-14  | 0940                         | 5   |        | X X X X      |
| LT-T-003-0-2  | 1000                         | 1   |        | X X X X      |
| LT-T-004-4-6  | 1005                         | 1   |        | X X X X      |
| LT-T-004-10-12-MS-MSD   | 1010                         | 13  |        | X X X X      |
| LT-T-003-0-2  | 1045                         | V   |        | X X X X      |
| Preservation Used: 1 = ICE, 2 = HCl, 3 = H <sub>2</sub> SO <sub>4</sub> , 4 = HNO <sub>3</sub> , 5 = NaOH |                              |   |        |              |
| 6 = Other _____, 7 = Other _____  |                              |   |        |              |
| Soil: X X X X<br>Water: X X X X   |                              |   |        |              |

### Special Instructions

|                 |                |                |                |                                 |
|-----------------|----------------|----------------|----------------|---------------------------------|
| Relinquished by | Company        | Date / Time    | Received by    | Water Metals Filtered (Yes/No)? |
| <i>AB</i>       | <i>PLKSC</i>   | <i>2/28/14</i> | <i>ETB</i>     | <i>Company</i>                  |
| 2)              | Company        | Date / Time    | Received by    |                                 |
| <i>AB</i>       | <i>Tony</i>    | <i>2/28/14</i> | <i>Unknown</i> | <i>Company</i>                  |
| 3)              | Company        | Date / Time    | Received by    |                                 |
| <i>AB</i>       | <i>Company</i> | <i>2/28/14</i> | <i>Unknown</i> | <i>Company</i>                  |
| 4)              | Company        | Date / Time    | Received by    |                                 |
| <i>AB</i>       | <i>Company</i> | <i>2/28/14</i> | <i>Unknown</i> | <i>Company</i>                  |

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL-0016-0408

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice)

**Ellis Koch**

Company

**RVR - GT Partners**

P.O. #

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page **2** of **4**

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

|  |         |   |   |         |
|--|---------|---|---|---------|
| Samplers Name (Printed)  |         | Site/Project Identification   |   |         |
| <b>Ronnie L. Koch</b>  |         | <b>GT Waterfront Project</b>  |   |         |
| P.O. #   |         | State (Location of site): <input checked="" type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:                                  |   |         |
| Address  |         | Regulatory Program:   |   |         |
| 1025 RVR Plaza   |         |   |   |         |
| City <b>Uniondale</b> State <b>NY</b>  |         |   |   |         |
| Phone <b>Fax</b>   |         |   |   |         |
| Analysis Turnaround Time   |         | ANALYSIS REQUESTED (check % BELOW TO INDICATE REQUEST)  |   |         |
| Standard <input checked="" type="checkbox"/>   |         | 100% <input type="checkbox"/><br>75% <input type="checkbox"/><br>50% <input type="checkbox"/><br>25% <input type="checkbox"/><br>10% <input type="checkbox"/> |   |         |
| Rush Charges Authorized For:   |         |   |   |         |
| 2 Week <input type="checkbox"/>  |         |   |   |         |
| 1 Week <input type="checkbox"/>  |         |   |   |         |
| Other <input type="checkbox"/>   |         |   |   |         |
| Sample Identification  |         | Date  | Time  |         |
| LT-T-003-10-8  |         | 2/28/14   | 10:00:00  |         |
| LT-T-003-10-12   |         | 1/25/14   | 10:00:00  |         |
| LT-T-007-6-2   |         | 1/14/14   | 10:00:00  |         |
| LT-T-007-6-8   |         | 1/14/14   | 10:00:00  |         |
| LT-T-007-14-16   |         | 1/15/14   | 10:00:00  |         |
| LT-T-008-0-2   |         | 1/25/14   | 10:00:00  |         |
| LT-T-005-4-6   |         | 1/20/14   | 10:00:00  |         |
| LT-T-005-16-19   |         | 1/25/14   | 10:00:00  |         |
| LT-T-006-0-2   |         | 1/20/14   | 10:00:00  |         |
| LT-T-006-4-6-NH3-NH4   |         | 1/31/14   | 10:00:00  |         |
| Preservation Used: 1 = HCl, 2 = HNO <sub>3</sub> , 3 = H <sub>2</sub> SO <sub>4</sub> , 4 = NaOH |         | Soil: <input checked="" type="checkbox"/><br>Water: <input checked="" type="checkbox"/>   |   |         |
| 6 = Other _____, 7 = Other _____   |         |   |   |         |
| Special Instructions   |         | Water Metals Filtered (Yes/No)? <input type="checkbox"/>  |   |         |
| Relinquished by  | Company | Date / Time   | Received by   |         |
|             | PHN     | 2/10/14 10:35   |    | Company |
| Reinquished by   | Company | Date / Time   | Received by   |         |
|               | PHN     | 2/10/14 15:40   |   | Company |
| Reinquished by   | Company | Date / Time   | Received by   |         |
|              | PHN     | 2/10/14 15:40   |  | Company |
| Reinquished by   | Company | Date / Time   | Received by   |         |
|             | PHN     | 2/10/14 15:40   |  | Company |
| Reinquished by   | Company | Date / Time   | Received by   |         |
|             | PHN     | 2/10/14 15:40   |  | Company |

Laboratory Certifications: New Jersey (12028), New York (111452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).  
Massachusetts (M-NJ312), North Carolina (No. 578)

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 3 of 4

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

|   |  |   |   |   |
|---|--|---|---|---|
| Name ( for report and invoice )<br><b>Ellis Scan</b>  | Samplers Name ( Printed )<br><b>AR Caliniti</b>  | Site/Project Identification<br><b>61 Waterfront Bedrock Project</b>                                     |   |   |
| Company <b>RVR Cleanups</b>   | P.O. #   | State ( Location of site ): NJ: <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other: |   |   |
| Address<br><b>1025 RVR Plaza,<br/>Uniondale NY</b>  | Analysis Turnaround Time<br>Standard <input checked="" type="checkbox"/><br>Rush Charges Authorized For:<br>2 Week <input type="checkbox"/><br>1 Week <input type="checkbox"/><br>Other <input type="checkbox"/> | Regulatory Program:   |   |   |
| City <b>Uniondale NY</b>  | Date   | Time  | Matrix  | No. of Cont.  |
| Phone <b>Fax</b>  |  |   |   |   |
| ANALYSIS REQUESTED ( MARK X BELOW TO INDICATE REQUEST)  |  |   |   |   |
| <input checked="" type="checkbox"/> 100%<br><input checked="" type="checkbox"/> 200%<br><input checked="" type="checkbox"/> 300%<br><input checked="" type="checkbox"/> 400%<br><input checked="" type="checkbox"/> 500%<br><input checked="" type="checkbox"/> 600%<br><input checked="" type="checkbox"/> 700%<br><input checked="" type="checkbox"/> 800%<br><input checked="" type="checkbox"/> 900%<br><input checked="" type="checkbox"/> 1000% |  |   |   |   |
| Sample Identification   |  |   |   |   |
| <b>LT-T-006-12-14</b>   | <b>2/28/14</b>   | <b>1320 Soil</b>  | <b>5</b>  | <input checked="" type="checkbox"/> X |
| <b>LT-T-008-0-2</b>   | <b>1/28</b>  | <b>1</b>  | <input checked="" type="checkbox"/> X |   |
| <b>LT-T-008-0-8</b>   | <b>1/235</b>   | <b>1</b>  | <input checked="" type="checkbox"/> X |   |
| <b>LT-T-008-14-10</b>   | <b>1/240</b>   | <b>5</b>  | <input checked="" type="checkbox"/> X |   |
| <b>DUP035</b>   | <b>XXXX</b>  | <b>1</b>  | <input checked="" type="checkbox"/> X |   |
| <b>DUP036</b>   | <b>XXXX</b>  | <b>1</b>  | <input checked="" type="checkbox"/> X |   |
| <b>LT-T-012-0-2</b>   | <b>1/255</b>   | <b>1</b>  | <input checked="" type="checkbox"/> X |   |
| <b>LT-T-012-2-4</b>   | <b>1/300</b>   | <b>1</b>  | <input checked="" type="checkbox"/> X |   |
| <b>LT-T-012-4-6</b>   | <b>1/305</b>   | <b>5</b>  | <input checked="" type="checkbox"/> X |   |
| <b>FB033</b>  | <b>08/00</b>   | <b>Liquid</b>   | <b>7</b>  | <input checked="" type="checkbox"/> X |
| Preservation Used: 1 = ICE, 2 = HCl, 3 = $H_2SO_4$ , 4 = $HNO_3$ , 5 = NaOH<br>6 = Other <input type="checkbox"/> , 7 = Other <input type="checkbox"/>  |  |   |   |   |
| Water: <input checked="" type="checkbox"/> X  |  |   |   |   |

### Special Instructions

|                                   |                           |                                     |                                     |                               |
|-----------------------------------|---------------------------|-------------------------------------|-------------------------------------|-------------------------------|
| Relinquished by<br><b>M. Scan</b> | Company<br><b>M. Scan</b> | Date / Time<br><b>2/28/14: 2:25</b> | Received by<br><b>E. Caliniti</b>   | Company<br><b>TestAmerica</b> |
| Relinquished by<br><b>S. Scan</b> | Company<br><b>S. Scan</b> | Date / Time<br><b>2/28/14 11:54</b> | Received by<br><b>J. Frankowski</b> | Company<br><b>TestAmerica</b> |
| Relinquished by<br><b>(3)</b>     | Company                   | Date / Time<br><b>1</b>             | Received by<br><b>3)</b>            | Company                       |
| Relinquished by<br><b>(4)</b>     | Company                   | Date / Time<br><b>1</b>             | Received by<br><b>4)</b>            | Company                       |

4) Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (048)

Massachusetts (M-NJ312), North Carolina (No. 578)

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 4 of 4

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

|  |   |  |               |              |
|--|---|--|---------------|--------------|
| Name (for report and invoice )<br><b>ENI Koch</b>  | Samplers Name (Printed)<br><b>Acacielo Hoffman</b>  | Site/Project Identification<br><b>CJ Waterfront Rhode Island Count</b>   |               |              |
| Company<br><b>RXR - GI Business</b>  | P. O. #   | State (Location of site): NJ: <input type="checkbox"/> NY: <input checked="" type="checkbox"/> Other: <input type="checkbox"/> |               |              |
| Address<br><b>1025 RXR Plaza</b>   | Analysis Turnaround Time<br>Standard: <input checked="" type="checkbox"/><br>Rush Charges Authorized For:<br>2 Week <input type="checkbox"/><br>1 Week <input type="checkbox"/><br>Other <input type="checkbox"/> | Regulatory Program:  |               |              |
| City<br><b>Uniondale</b>   | Date  | Time   | Matrix        | No. of Cont. |
| Phone<br>Fax   |   |  |               |              |
| Sample Identification  |   |  |               |              |
| <b>LT-T-010-0-2</b>  | <b>2/28/14</b>  | <b>1335</b>  | <b>50:1</b>   | <b>1</b>     |
| <b>LT-T-010-2-4</b>  | <b>1340</b>   |  |               | <b>X</b>     |
| <b>LT-T-010-7-8.5</b>  | <b>1345</b>   |  | <b>X</b>      | <b>X</b>     |
| <b>LT-T-011-0-2</b>  | <b>1350</b>   |  | <b>X</b>      | <b>X</b>     |
| <b>LT-T-011-2-4</b>  | <b>1355</b>   |  | <b>X</b>      | <b>X</b>     |
| <b>LT-T-011-6.5-8</b>  | <b>1400</b>   |  | <b>X</b>      | <b>X</b>     |
| <b>LT-T-009-0-2</b>  | <b>1425</b>   |  | <b>X</b>      | <b>X</b>     |
| <b>LT-T-009-4-6</b>  | <b>1430</b>   |  | <b>X</b>      | <b>X</b>     |
| <b>LT-T-009-12-14</b>  | <b>1435</b>   | <b>✓</b>   | <b>X</b>      | <b>X</b>     |
| <b>TB</b>  |   |  | <b>liquid</b> | <b>1</b>     |
| Preservation Used: 1 = ICE, 2 = HCl, 3 = H <sub>2</sub> SO <sub>4</sub> , 4 = HNO <sub>3</sub> , 5 = NaOH<br>6 = Other <input type="checkbox"/> 7 = Other <input type="checkbox"/> |   |  |               |              |
| Soil: Water: <input type="checkbox"/>  |   |  |               |              |

|   |                         |                                     |                             |                                     |
|---|-------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| LAB USE ONLY  |                         |                                     |                             |                                     |
| Project No:   |                         |                                     |                             |                                     |
| Job No:   |                         |                                     |                             |                                     |
| Sample Numbers  |                         |                                     |                             |                                     |
| ANALYSIS REQUEST (ENTER % BELOW TO INDICATE REQUEST)  |                         |                                     |                             |                                     |
| <input type="checkbox"/> 100%<br><input type="checkbox"/> 95%<br><input type="checkbox"/> 90%<br><input type="checkbox"/> 85%<br><input type="checkbox"/> 80%<br><input type="checkbox"/> 75%<br><input type="checkbox"/> 70%<br><input type="checkbox"/> 65%<br><input type="checkbox"/> 60%<br><input type="checkbox"/> 55%<br><input type="checkbox"/> 50%<br><input type="checkbox"/> 45%<br><input type="checkbox"/> 40%<br><input type="checkbox"/> 35%<br><input type="checkbox"/> 30%<br><input type="checkbox"/> 25%<br><input type="checkbox"/> 20%<br><input type="checkbox"/> 15%<br><input type="checkbox"/> 10%<br><input type="checkbox"/> 5%<br><input type="checkbox"/> 0% |                         |                                     |                             |                                     |
| Water Metals Filtered (Yes/No)? _____   |                         |                                     |                             |                                     |
| Company <u>Frank</u>  |                         |                                     |                             |                                     |
| Relinquished by<br><u>Frank</u>   | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u>   | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u>   | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u>   | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |

### Special Instructions

|                                 |                         |                                     |                             |                                     |
|---------------------------------|-------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| Relinquished by<br><u>Frank</u> | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u> | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u> | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u> | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |
| Relinquished by<br><u>Frank</u> | Company<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> | Received by<br><u>Frank</u> | Date / Time<br><b>2/28/14 15:00</b> |

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

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## Login Sample Receipt Checklist

Client: Posillico Consulting

Job Number: 480-55387-1

**Login Number:** 55387

**List Source:** TestAmerica Buffalo

**List Number:** 1

**Creator:** Stau, Brandon M

| Question   | Answer | Comment |    |
|--|--------|---------|----|
| Radioactivity either was not measured or, if measured, is at or below background | True   |         | 1  |
| The cooler's custody seal, if present, is intact.                                | True   |         | 2  |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |         | 3  |
| Samples were received on ice.  | True   |         | 4  |
| Cooler Temperature is acceptable.  | True   |         | 5  |
| Cooler Temperature is recorded.  | True   |         | 6  |
| COC is present.  | True   |         | 7  |
| COC is filled out in ink and legible.  | True   |         | 8  |
| COC is filled out with all pertinent information.                                | True   |         | 9  |
| Is the Field Sampler's name present on COC?                                      | True   |         | 10 |
| There are no discrepancies between the sample IDs on the containers and the COC. | True   |         | 11 |
| Samples are received within Holding Time.  | True   |         | 12 |
| Sample containers have legible labels.   | True   |         | 13 |
| Containers are not broken or leaking.  | True   |         | 14 |
| Sample collection date/times are provided.                                       | True   |         | 15 |
| Appropriate sample containers are used.  | True   |         |    |
| Sample bottles are completely filled.  | True   |         |    |
| Sample Preservation Verified   | True   |         |    |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |         |    |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.     | True   |         |    |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True   |         |    |
| Multiphasic samples are not present.   | True   |         |    |
| Samples do not require splitting or compositing.                                 | True   |         |    |
| Sampling Company provided.   | True   | rxr     |    |
| Samples received within 48 hours of sampling.                                    | True   |         |    |
| Samples requiring field filtration have been filtered in the field.              | N/A    |         |    |
| Chlorine Residual checked.   | N/A    |         |    |